

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	23.15	/	/	18.25	/	/	<=34.77	Pass
		Edge_1RB_Right	23.04	/	/	18.14	/	/	<=34.77	Pass
		Outer_Full	23.09	/	/	18.19	/	/	<=34.77	Pass
		Inner_Full	23.28	/	/	18.38	/	/	<=34.77	Pass
		Inner_1RB_Left	23.22	/	/	18.32	/	/	<=34.77	Pass
		Inner_1RB_Right	23.04	/	/	18.14	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.19	/	/	18.29	/	/	<=34.77	Pass
		Edge_1RB_Right	23.20	/	/	18.30	/	/	<=34.77	Pass
		Outer_Full	23.26	/	/	18.36	/	/	<=34.77	Pass
		Inner_Full	23.22	/	/	18.32	/	/	<=34.77	Pass
		Inner_1RB_Left	23.15	/	/	18.25	/	/	<=34.77	Pass
		Inner_1RB_Right	23.13	/	/	18.23	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	23.00	/	/	18.10	/	/	<=34.77	Pass
		Edge_1RB_Right	22.79	/	/	17.89	/	/	<=34.77	Pass
		Outer_Full	22.90	/	/	18.00	/	/	<=34.77	Pass
		Inner_Full	23.00	/	/	18.10	/	/	<=34.77	Pass
		Inner_1RB_Left	22.95	/	/	18.05	/	/	<=34.77	Pass
		Inner_1RB_Right	22.81	/	/	17.91	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	23.15	/	/	18.25	/	/	<=34.77	Pass
		Edge_1RB_Right	23.10	/	/	18.20	/	/	<=34.77	Pass
		Outer_Full	23.15	/	/	18.25	/	/	<=34.77	Pass
		Inner_Full	23.21	/	/	18.31	/	/	<=34.77	Pass
		Inner_1RB_Left	23.08	/	/	18.18	/	/	<=34.77	Pass
		Inner_1RB_Right	23.03	/	/	18.13	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.14	/	/	18.24	/	/	<=34.77	Pass
		Edge_1RB_Right	23.09	/	/	18.19	/	/	<=34.77	Pass
		Outer_Full	23.10	/	/	18.20	/	/	<=34.77	Pass
		Inner_Full	23.20	/	/	18.30	/	/	<=34.77	Pass
		Inner_1RB_Left	23.16	/	/	18.26	/	/	<=34.77	Pass
		Inner_1RB_Right	23.13	/	/	18.23	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	23.04	/	/	18.14	/	/	<=34.77	Pass
		Edge_1RB_Right	22.86	/	/	17.96	/	/	<=34.77	Pass
		Outer_Full	22.86	/	/	17.96	/	/	<=34.77	Pass
		Inner_Full	23.01	/	/	18.11	/	/	<=34.77	Pass
		Inner_1RB_Left	23.04	/	/	18.14	/	/	<=34.77	Pass
		Inner_1RB_Right	22.91	/	/	18.01	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	701.5	Edge_1RB_Left	22.07	/	/	17.17	/	/	<=34.77	Pass
		Edge_1RB_Right	22.03	/	/	17.13	/	/	<=34.77	Pass
		Outer_Full	22.17	/	/	17.27	/	/	<=34.77	Pass
		Inner_Full	23.15	/	/	18.25	/	/	<=34.77	Pass
		Inner_1RB_Left	23.05	/	/	18.15	/	/	<=34.77	Pass
		Inner_1RB_Right	22.97	/	/	18.07	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.08	/	/	17.18	/	/	<=34.77	Pass
		Edge_1RB_Right	22.16	/	/	17.26	/	/	<=34.77	Pass
		Outer_Full	22.16	/	/	17.26	/	/	<=34.77	Pass
		Inner_Full	23.15	/	/	18.25	/	/	<=34.77	Pass
		Inner_1RB_Left	23.10	/	/	18.20	/	/	<=34.77	Pass

	713.5	Inner 1RB Right	23.05	/	/	18.15	/	/	<=34.77	Pass
		Edge 1RB Left	22.01	/	/	17.11	/	/	<=34.77	Pass
		Edge 1RB Right	21.79	/	/	16.89	/	/	<=34.77	Pass
		Outer Full	21.95	/	/	17.05	/	/	<=34.77	Pass
		Inner Full	22.98	/	/	18.08	/	/	<=34.77	Pass
		Inner 1RB Left	23.10	/	/	18.20	/	/	<=34.77	Pass
		Inner 1RB Right	22.75	/	/	17.85	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	701.5	Edge 1RB Left	21.70	/	/	16.80	/	/	<=34.77	Pass
		Edge 1RB Right	21.70	/	/	16.80	/	/	<=34.77	Pass
		Outer Full	21.60	/	/	16.70	/	/	<=34.77	Pass
		Inner Full	21.70	/	/	16.80	/	/	<=34.77	Pass
		Inner 1RB Left	21.75	/	/	16.85	/	/	<=34.77	Pass
		Inner 1RB Right	21.75	/	/	16.85	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	21.72	/	/	16.82	/	/	<=34.77	Pass
		Edge 1RB Right	21.69	/	/	16.79	/	/	<=34.77	Pass
		Outer Full	21.63	/	/	16.73	/	/	<=34.77	Pass
		Inner Full	21.78	/	/	16.88	/	/	<=34.77	Pass
		Inner 1RB Left	21.86	/	/	16.96	/	/	<=34.77	Pass
		Inner 1RB Right	21.74	/	/	16.84	/	/	<=34.77	Pass
	713.5	Edge 1RB Left	21.67	/	/	16.77	/	/	<=34.77	Pass
		Edge 1RB Right	21.52	/	/	16.62	/	/	<=34.77	Pass
		Outer Full	21.46	/	/	16.56	/	/	<=34.77	Pass
		Inner Full	21.55	/	/	16.65	/	/	<=34.77	Pass
		Inner 1RB Left	21.69	/	/	16.79	/	/	<=34.77	Pass
		Inner 1RB Right	21.60	/	/	16.70	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	701.5	Edge 1RB Left	19.14	/	/	14.24	/	/	<=34.77	Pass
		Edge 1RB Right	19.07	/	/	14.17	/	/	<=34.77	Pass
		Outer Full	19.62	/	/	14.72	/	/	<=34.77	Pass
		Inner Full	19.73	/	/	14.83	/	/	<=34.77	Pass
		Inner 1RB Left	19.20	/	/	14.30	/	/	<=34.77	Pass
		Inner 1RB Right	19.14	/	/	14.24	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	19.15	/	/	14.25	/	/	<=34.77	Pass
		Edge 1RB Right	19.08	/	/	14.18	/	/	<=34.77	Pass
		Outer Full	19.63	/	/	14.73	/	/	<=34.77	Pass
		Inner Full	19.70	/	/	14.80	/	/	<=34.77	Pass
		Inner 1RB Left	19.27	/	/	14.37	/	/	<=34.77	Pass
		Inner 1RB Right	19.09	/	/	14.19	/	/	<=34.77	Pass
	713.5	Edge 1RB Left	19.00	/	/	14.10	/	/	<=34.77	Pass
		Edge 1RB Right	18.81	/	/	13.91	/	/	<=34.77	Pass
		Outer Full	19.37	/	/	14.47	/	/	<=34.77	Pass
		Inner Full	19.51	/	/	14.61	/	/	<=34.77	Pass
		Inner 1RB Left	19.02	/	/	14.12	/	/	<=34.77	Pass
		Inner 1RB Right	18.90	/	/	14.00	/	/	<=34.77	Pass
CP-OFDM QPSK	701.5	Edge 1RB Left	21.22	/	/	16.32	/	/	<=34.77	Pass
		Edge 1RB Right	21.09	/	/	16.19	/	/	<=34.77	Pass
		Outer Full	21.15	/	/	16.25	/	/	<=34.77	Pass
		Inner Full	22.56	/	/	17.66	/	/	<=34.77	Pass
		Inner 1RB Left	22.65	/	/	17.75	/	/	<=34.77	Pass
		Inner 1RB Right	22.71	/	/	17.81	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	21.12	/	/	16.22	/	/	<=34.77	Pass
		Edge 1RB Right	21.06	/	/	16.16	/	/	<=34.77	Pass
		Outer Full	21.23	/	/	16.33	/	/	<=34.77	Pass
		Inner Full	22.65	/	/	17.75	/	/	<=34.77	Pass
		Inner 1RB Left	22.86	/	/	17.96	/	/	<=34.77	Pass
		Inner 1RB Right	22.64	/	/	17.74	/	/	<=34.77	Pass
	713.5	Edge 1RB Left	21.06	/	/	16.16	/	/	<=34.77	Pass
		Edge 1RB Right	20.86	/	/	15.96	/	/	<=34.77	Pass
		Outer Full	21.03	/	/	16.13	/	/	<=34.77	Pass
		Inner Full	22.48	/	/	17.58	/	/	<=34.77	Pass

		Inner 1RB Left	22.43	/	/	17.53	/	/	<=34.77	Pass
		Inner 1RB Right	22.33	/	/	17.43	/	/	<=34.77	Pass
CP-OFDM 16 QAM	701.5	Edge 1RB Left	21.12	/	/	16.22	/	/	<=34.77	Pass
		Edge 1RB Right	21.10	/	/	16.20	/	/	<=34.77	Pass
		Outer Full	21.08	/	/	16.18	/	/	<=34.77	Pass
		Inner Full	21.96	/	/	17.06	/	/	<=34.77	Pass
		Inner 1RB Left	22.25	/	/	17.35	/	/	<=34.77	Pass
		Inner 1RB Right	22.26	/	/	17.36	/	/	<=34.77	Pass
		Edge 1RB Left	21.14	/	/	16.24	/	/	<=34.77	Pass
		Edge 1RB Right	20.99	/	/	16.09	/	/	<=34.77	Pass
	707.5	Outer Full	21.29	/	/	16.39	/	/	<=34.77	Pass
		Inner Full	21.89	/	/	16.99	/	/	<=34.77	Pass
		Inner 1RB Left	22.28	/	/	17.38	/	/	<=34.77	Pass
		Inner 1RB Right	22.20	/	/	17.30	/	/	<=34.77	Pass
		Edge 1RB Left	20.94	/	/	16.04	/	/	<=34.77	Pass
		Edge 1RB Right	20.89	/	/	15.99	/	/	<=34.77	Pass
		Outer Full	21.06	/	/	16.16	/	/	<=34.77	Pass
		Inner Full	21.75	/	/	16.85	/	/	<=34.77	Pass
	713.5	Inner 1RB Left	22.16	/	/	17.26	/	/	<=34.77	Pass
		Inner 1RB Right	22.12	/	/	17.22	/	/	<=34.77	Pass
Edge 1RB Left		20.70	/	/	15.80	/	/	<=34.77	Pass	
Edge 1RB Right		20.70	/	/	15.80	/	/	<=34.77	Pass	
Outer Full		20.50	/	/	15.60	/	/	<=34.77	Pass	
Inner Full		20.64	/	/	15.74	/	/	<=34.77	Pass	
CP-OFDM 64 QAM	701.5	Inner 1RB Left	20.69	/	/	15.79	/	/	<=34.77	Pass
		Inner 1RB Right	20.74	/	/	15.84	/	/	<=34.77	Pass
		Edge 1RB Left	20.73	/	/	15.83	/	/	<=34.77	Pass
		Edge 1RB Right	20.76	/	/	15.86	/	/	<=34.77	Pass
		Outer Full	20.58	/	/	15.68	/	/	<=34.77	Pass
		Inner Full	20.78	/	/	15.88	/	/	<=34.77	Pass
	707.5	Inner 1RB Left	20.84	/	/	15.94	/	/	<=34.77	Pass
		Inner 1RB Right	20.71	/	/	15.81	/	/	<=34.77	Pass
		Edge 1RB Left	20.57	/	/	15.67	/	/	<=34.77	Pass
		Edge 1RB Right	20.49	/	/	15.59	/	/	<=34.77	Pass
		Outer Full	20.48	/	/	15.58	/	/	<=34.77	Pass
		Inner Full	20.50	/	/	15.60	/	/	<=34.77	Pass
	713.5	Inner 1RB Left	20.61	/	/	15.71	/	/	<=34.77	Pass
		Inner 1RB Right	20.55	/	/	15.65	/	/	<=34.77	Pass
		Edge 1RB Left	17.22	/	/	12.32	/	/	<=34.77	Pass
		Edge 1RB Right	17.20	/	/	12.30	/	/	<=34.77	Pass
		Outer Full	17.61	/	/	12.71	/	/	<=34.77	Pass
		Inner Full	17.75	/	/	12.85	/	/	<=34.77	Pass
CP-OFDM 256 QAM	701.5	Inner 1RB Left	17.21	/	/	12.31	/	/	<=34.77	Pass
		Inner 1RB Right	17.16	/	/	12.26	/	/	<=34.77	Pass
		Edge 1RB Left	17.29	/	/	12.39	/	/	<=34.77	Pass
		Edge 1RB Right	17.18	/	/	12.28	/	/	<=34.77	Pass
		Outer Full	17.70	/	/	12.80	/	/	<=34.77	Pass
		Inner Full	17.73	/	/	12.83	/	/	<=34.77	Pass
	707.5	Inner 1RB Left	17.18	/	/	12.28	/	/	<=34.77	Pass
		Inner 1RB Right	17.18	/	/	12.28	/	/	<=34.77	Pass
		Edge 1RB Left	17.11	/	/	12.21	/	/	<=34.77	Pass
		Edge 1RB Right	16.94	/	/	12.04	/	/	<=34.77	Pass
		Outer Full	17.47	/	/	12.57	/	/	<=34.77	Pass
		Inner Full	17.52	/	/	12.62	/	/	<=34.77	Pass
	713.5	Inner 1RB Left	17.11	/	/	12.21	/	/	<=34.77	Pass
		Inner 1RB Right	17.01	/	/	12.11	/	/	<=34.77	Pass
		Note1: Antenna Gain: Ant0: -2.75dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Edge_1RB_Left	22.94	/	/	18.04	/	/	<=34.77	Pass
		Edge_1RB_Right	22.85	/	/	17.95	/	/	<=34.77	Pass
		Outer_Full	23.01	/	/	18.11	/	/	<=34.77	Pass
		Inner_Full	23.03	/	/	18.13	/	/	<=34.77	Pass
		Inner_1RB_Left	22.91	/	/	18.01	/	/	<=34.77	Pass
		Inner_1RB_Right	22.93	/	/	18.03	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.08	/	/	18.18	/	/	<=34.77	Pass
		Edge_1RB_Right	22.90	/	/	18.00	/	/	<=34.77	Pass
		Outer_Full	23.27	/	/	18.37	/	/	<=34.77	Pass
		Inner_Full	23.22	/	/	18.32	/	/	<=34.77	Pass
		Inner_1RB_Left	23.14	/	/	18.24	/	/	<=34.77	Pass
		Inner_1RB_Right	23.07	/	/	18.17	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.88	/	/	17.98	/	/	<=34.77	Pass
		Edge_1RB_Right	22.62	/	/	17.72	/	/	<=34.77	Pass
		Outer_Full	22.89	/	/	17.99	/	/	<=34.77	Pass
		Inner_Full	23.00	/	/	18.10	/	/	<=34.77	Pass
		Inner_1RB_Left	23.03	/	/	18.13	/	/	<=34.77	Pass
		Inner_1RB_Right	22.85	/	/	17.95	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	704	Edge_1RB_Left	22.91	/	/	18.01	/	/	<=34.77	Pass
		Edge_1RB_Right	22.83	/	/	17.93	/	/	<=34.77	Pass
		Outer_Full	22.87	/	/	17.97	/	/	<=34.77	Pass
		Inner_Full	23.01	/	/	18.11	/	/	<=34.77	Pass
		Inner_1RB_Left	23.08	/	/	18.18	/	/	<=34.77	Pass
		Inner_1RB_Right	22.97	/	/	18.07	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.03	/	/	18.13	/	/	<=34.77	Pass
		Edge_1RB_Right	22.93	/	/	18.03	/	/	<=34.77	Pass
		Outer_Full	23.06	/	/	18.16	/	/	<=34.77	Pass
		Inner_Full	23.06	/	/	18.16	/	/	<=34.77	Pass
		Inner_1RB_Left	23.13	/	/	18.23	/	/	<=34.77	Pass
		Inner_1RB_Right	22.98	/	/	18.08	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.93	/	/	18.03	/	/	<=34.77	Pass
		Edge_1RB_Right	22.72	/	/	17.82	/	/	<=34.77	Pass
		Outer_Full	22.89	/	/	17.99	/	/	<=34.77	Pass
		Inner_Full	22.99	/	/	18.09	/	/	<=34.77	Pass
		Inner_1RB_Left	23.06	/	/	18.16	/	/	<=34.77	Pass
		Inner_1RB_Right	22.80	/	/	17.90	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	704	Edge_1RB_Left	21.87	/	/	16.97	/	/	<=34.77	Pass
		Edge_1RB_Right	21.79	/	/	16.89	/	/	<=34.77	Pass
		Outer_Full	21.90	/	/	17.00	/	/	<=34.77	Pass
		Inner_Full	22.95	/	/	18.05	/	/	<=34.77	Pass
		Inner_1RB_Left	22.82	/	/	17.92	/	/	<=34.77	Pass
		Inner_1RB_Right	22.73	/	/	17.83	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.85	/	/	16.95	/	/	<=34.77	Pass
		Edge_1RB_Right	21.79	/	/	16.89	/	/	<=34.77	Pass
		Outer_Full	21.97	/	/	17.07	/	/	<=34.77	Pass
		Inner_Full	23.03	/	/	18.13	/	/	<=34.77	Pass
		Inner_1RB_Left	22.91	/	/	18.01	/	/	<=34.77	Pass
		Inner_1RB_Right	22.80	/	/	17.90	/	/	<=34.77	Pass
	711	Edge_1RB_Left	21.89	/	/	16.99	/	/	<=34.77	Pass
		Edge_1RB_Right	21.68	/	/	16.78	/	/	<=34.77	Pass
		Outer_Full	21.84	/	/	16.94	/	/	<=34.77	Pass
		Inner_Full	22.95	/	/	18.05	/	/	<=34.77	Pass
		Inner_1RB_Left	22.78	/	/	17.88	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	17.64	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	704	Edge_1RB_Left	21.55	/	/	16.65	/	/	<=34.77	Pass

		Edge 1RB Right	21.44	/	/	16.54	/	/	<=34.77	Pass
		Outer_Full	21.47	/	/	16.57	/	/	<=34.77	Pass
		Inner_Full	21.44	/	/	16.54	/	/	<=34.77	Pass
		Inner 1RB Left	21.65	/	/	16.75	/	/	<=34.77	Pass
		Inner 1RB Right	21.43	/	/	16.53	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	21.66	/	/	16.76	/	/	<=34.77	Pass
		Edge 1RB Right	21.48	/	/	16.58	/	/	<=34.77	Pass
		Outer_Full	21.53	/	/	16.63	/	/	<=34.77	Pass
		Inner_Full	21.55	/	/	16.65	/	/	<=34.77	Pass
		Inner 1RB Left	21.70	/	/	16.80	/	/	<=34.77	Pass
	711	Inner 1RB Right	21.56	/	/	16.66	/	/	<=34.77	Pass
		Edge 1RB Left	21.59	/	/	16.69	/	/	<=34.77	Pass
		Edge 1RB Right	21.41	/	/	16.51	/	/	<=34.77	Pass
		Outer_Full	21.38	/	/	16.48	/	/	<=34.77	Pass
		Inner_Full	21.42	/	/	16.52	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM		Inner 1RB Left	21.56	/	/	16.66	/	/	<=34.77	Pass
		Inner 1RB Right	21.39	/	/	16.49	/	/	<=34.77	Pass
	704	Edge 1RB Left	18.98	/	/	14.08	/	/	<=34.77	Pass
		Edge 1RB Right	18.75	/	/	13.85	/	/	<=34.77	Pass
		Outer_Full	19.40	/	/	14.50	/	/	<=34.77	Pass
		Inner_Full	19.39	/	/	14.49	/	/	<=34.77	Pass
		Inner 1RB Left	18.95	/	/	14.05	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	18.96	/	/	14.06	/	/	<=34.77	Pass
		Edge 1RB Left	18.89	/	/	13.99	/	/	<=34.77	Pass
		Edge 1RB Right	18.69	/	/	13.79	/	/	<=34.77	Pass
		Outer_Full	19.44	/	/	14.54	/	/	<=34.77	Pass
		Inner_Full	19.54	/	/	14.64	/	/	<=34.77	Pass
	711	Inner 1RB Left	18.86	/	/	13.96	/	/	<=34.77	Pass
		Inner 1RB Right	18.77	/	/	13.87	/	/	<=34.77	Pass
		Edge 1RB Left	18.88	/	/	13.98	/	/	<=34.77	Pass
		Edge 1RB Right	18.59	/	/	13.69	/	/	<=34.77	Pass
		Outer_Full	19.37	/	/	14.47	/	/	<=34.77	Pass
CP-OFDM QPSK		Inner_Full	19.38	/	/	14.48	/	/	<=34.77	Pass
		Inner 1RB Left	18.89	/	/	13.99	/	/	<=34.77	Pass
		Inner 1RB Right	18.63	/	/	13.73	/	/	<=34.77	Pass
	704	Edge 1RB Left	20.95	/	/	16.05	/	/	<=34.77	Pass
		Edge 1RB Right	20.84	/	/	15.94	/	/	<=34.77	Pass
		Outer_Full	20.98	/	/	16.08	/	/	<=34.77	Pass
		Inner_Full	22.35	/	/	17.45	/	/	<=34.77	Pass
		Inner 1RB Left	22.54	/	/	17.64	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	22.46	/	/	17.56	/	/	<=34.77	Pass
		Edge 1RB Left	20.98	/	/	16.08	/	/	<=34.77	Pass
		Edge 1RB Right	20.94	/	/	16.04	/	/	<=34.77	Pass
		Outer_Full	20.97	/	/	16.07	/	/	<=34.77	Pass
		Inner_Full	22.45	/	/	17.55	/	/	<=34.77	Pass
	711	Inner 1RB Left	22.69	/	/	17.79	/	/	<=34.77	Pass
		Inner 1RB Right	22.45	/	/	17.55	/	/	<=34.77	Pass
		Edge 1RB Left	21.04	/	/	16.14	/	/	<=34.77	Pass
		Edge 1RB Right	20.69	/	/	15.79	/	/	<=34.77	Pass
		Outer_Full	20.88	/	/	15.98	/	/	<=34.77	Pass
CP-OFDM 16 QAM	704	Inner_Full	22.33	/	/	17.43	/	/	<=34.77	Pass
		Inner 1RB Left	22.68	/	/	17.78	/	/	<=34.77	Pass
		Inner 1RB Right	22.22	/	/	17.32	/	/	<=34.77	Pass
		Edge 1RB Left	21.01	/	/	16.11	/	/	<=34.77	Pass
		Edge 1RB Right	20.79	/	/	15.89	/	/	<=34.77	Pass
		Outer_Full	20.91	/	/	16.01	/	/	<=34.77	Pass
		Inner_Full	21.86	/	/	16.96	/	/	<=34.77	Pass
		Inner 1RB Left	22.10	/	/	17.20	/	/	<=34.77	Pass
		Inner 1RB Right	21.94	/	/	17.04	/	/	<=34.77	Pass

	707.5	Edge_1RB_Left	21.07	/	/	16.17	/	/	<=34.77	Pass
		Edge_1RB_Right	20.86	/	/	15.96	/	/	<=34.77	Pass
		Outer_Full	20.95	/	/	16.05	/	/	<=34.77	Pass
		Inner_Full	22.02	/	/	17.12	/	/	<=34.77	Pass
		Inner_1RB_Left	22.14	/	/	17.24	/	/	<=34.77	Pass
		Inner_1RB_Right	21.89	/	/	16.99	/	/	<=34.77	Pass
	711	Edge_1RB_Left	20.87	/	/	15.97	/	/	<=34.77	Pass
		Edge_1RB_Right	20.78	/	/	15.88	/	/	<=34.77	Pass
		Outer_Full	20.92	/	/	16.02	/	/	<=34.77	Pass
		Inner_Full	21.84	/	/	16.94	/	/	<=34.77	Pass
		Inner_1RB_Left	22.00	/	/	17.10	/	/	<=34.77	Pass
		Inner_1RB_Right	21.79	/	/	16.89	/	/	<=34.77	Pass
CP-OFDM 64 QAM	704	Edge_1RB_Left	20.55	/	/	15.65	/	/	<=34.77	Pass
		Edge_1RB_Right	20.56	/	/	15.66	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	15.55	/	/	<=34.77	Pass
		Inner_Full	20.46	/	/	15.56	/	/	<=34.77	Pass
		Inner_1RB_Left	20.60	/	/	15.70	/	/	<=34.77	Pass
		Inner_1RB_Right	20.43	/	/	15.53	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.59	/	/	15.69	/	/	<=34.77	Pass
		Edge_1RB_Right	20.39	/	/	15.49	/	/	<=34.77	Pass
		Outer_Full	20.39	/	/	15.49	/	/	<=34.77	Pass
		Inner_Full	20.45	/	/	15.55	/	/	<=34.77	Pass
		Inner_1RB_Left	20.56	/	/	15.66	/	/	<=34.77	Pass
		Inner_1RB_Right	20.36	/	/	15.46	/	/	<=34.77	Pass
	711	Edge_1RB_Left	20.56	/	/	15.66	/	/	<=34.77	Pass
		Edge_1RB_Right	20.30	/	/	15.40	/	/	<=34.77	Pass
		Outer_Full	20.37	/	/	15.47	/	/	<=34.77	Pass
		Inner_Full	20.41	/	/	15.51	/	/	<=34.77	Pass
		Inner_1RB_Left	20.53	/	/	15.63	/	/	<=34.77	Pass
		Inner_1RB_Right	20.39	/	/	15.49	/	/	<=34.77	Pass
CP-OFDM 256 QAM	704	Edge_1RB_Left	17.09	/	/	12.19	/	/	<=34.77	Pass
		Edge_1RB_Right	17.02	/	/	12.12	/	/	<=34.77	Pass
		Outer_Full	17.49	/	/	12.59	/	/	<=34.77	Pass
		Inner_Full	17.43	/	/	12.53	/	/	<=34.77	Pass
		Inner_1RB_Left	17.13	/	/	12.23	/	/	<=34.77	Pass
		Inner_1RB_Right	16.94	/	/	12.04	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	16.89	/	/	11.99	/	/	<=34.77	Pass
		Edge_1RB_Right	16.75	/	/	11.85	/	/	<=34.77	Pass
		Outer_Full	17.44	/	/	12.54	/	/	<=34.77	Pass
		Inner_Full	17.43	/	/	12.53	/	/	<=34.77	Pass
		Inner_1RB_Left	16.86	/	/	11.96	/	/	<=34.77	Pass
		Inner_1RB_Right	16.80	/	/	11.90	/	/	<=34.77	Pass
	711	Edge_1RB_Left	17.03	/	/	12.13	/	/	<=34.77	Pass
		Edge_1RB_Right	16.74	/	/	11.84	/	/	<=34.77	Pass
		Outer_Full	17.39	/	/	12.49	/	/	<=34.77	Pass
		Inner_Full	17.35	/	/	12.45	/	/	<=34.77	Pass
		Inner_1RB_Left	17.06	/	/	12.16	/	/	<=34.77	Pass
		Inner_1RB_Right	16.65	/	/	11.75	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -2.75dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)			Limit	Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	706.5	Edge_1RB_Left	23.28	/	/	18.38	/	/	<=34.77	Pass
		Edge_1RB_Right	22.99	/	/	18.09	/	/	<=34.77	Pass

		Outer_Full	23.02	/	/	18.12	/	/	<=34.77	Pass
		Inner_Full	23.17	/	/	18.27	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	18.39	/	/	<=34.77	Pass
		Inner_1RB_Right	22.96	/	/	18.06	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.10	/	/	18.20	/	/	<=34.77	Pass
		Edge_1RB_Right	22.81	/	/	17.91	/	/	<=34.77	Pass
		Outer_Full	23.04	/	/	18.14	/	/	<=34.77	Pass
		Inner_Full	23.20	/	/	18.30	/	/	<=34.77	Pass
		Inner_1RB_Left	23.16	/	/	18.26	/	/	<=34.77	Pass
		Inner_1RB_Right	22.82	/	/	17.92	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	23.12	/	/	18.22	/	/	<=34.77	Pass
		Edge_1RB_Right	22.78	/	/	17.88	/	/	<=34.77	Pass
		Outer_Full	23.08	/	/	18.18	/	/	<=34.77	Pass
		Inner_Full	23.11	/	/	18.21	/	/	<=34.77	Pass
		Inner_1RB_Left	23.21	/	/	18.31	/	/	<=34.77	Pass
		Inner_1RB_Right	22.82	/	/	17.92	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	706.5	Edge_1RB_Left	23.30	/	/	18.40	/	/	<=34.77	Pass
		Edge_1RB_Right	22.96	/	/	18.06	/	/	<=34.77	Pass
		Outer_Full	23.09	/	/	18.19	/	/	<=34.77	Pass
		Inner_Full	23.12	/	/	18.22	/	/	<=34.77	Pass
		Inner_1RB_Left	23.27	/	/	18.37	/	/	<=34.77	Pass
		Inner_1RB_Right	22.96	/	/	18.06	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.25	/	/	18.35	/	/	<=34.77	Pass
		Edge_1RB_Right	22.90	/	/	18.00	/	/	<=34.77	Pass
		Outer_Full	23.13	/	/	18.23	/	/	<=34.77	Pass
		Inner_Full	22.98	/	/	18.08	/	/	<=34.77	Pass
		Inner_1RB_Left	23.14	/	/	18.24	/	/	<=34.77	Pass
		Inner_1RB_Right	22.85	/	/	17.95	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	23.17	/	/	18.27	/	/	<=34.77	Pass
		Edge_1RB_Right	22.91	/	/	18.01	/	/	<=34.77	Pass
		Outer_Full	23.09	/	/	18.19	/	/	<=34.77	Pass
		Inner_Full	23.08	/	/	18.18	/	/	<=34.77	Pass
		Inner_1RB_Left	23.19	/	/	18.29	/	/	<=34.77	Pass
		Inner_1RB_Right	22.92	/	/	18.02	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	706.5	Edge_1RB_Left	22.14	/	/	17.24	/	/	<=34.77	Pass
		Edge_1RB_Right	21.89	/	/	16.99	/	/	<=34.77	Pass
		Outer_Full	22.11	/	/	17.21	/	/	<=34.77	Pass
		Inner_Full	22.98	/	/	18.08	/	/	<=34.77	Pass
		Inner_1RB_Left	23.08	/	/	18.18	/	/	<=34.77	Pass
		Inner_1RB_Right	22.71	/	/	17.81	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.17	/	/	17.27	/	/	<=34.77	Pass
		Edge_1RB_Right	21.75	/	/	16.85	/	/	<=34.77	Pass
		Outer_Full	22.05	/	/	17.15	/	/	<=34.77	Pass
		Inner_Full	22.93	/	/	18.03	/	/	<=34.77	Pass
		Inner_1RB_Left	23.01	/	/	18.11	/	/	<=34.77	Pass
		Inner_1RB_Right	22.67	/	/	17.77	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	22.13	/	/	17.23	/	/	<=34.77	Pass
		Edge_1RB_Right	21.77	/	/	16.87	/	/	<=34.77	Pass
		Outer_Full	22.19	/	/	17.29	/	/	<=34.77	Pass
		Inner_Full	22.96	/	/	18.06	/	/	<=34.77	Pass
		Inner_1RB_Left	22.99	/	/	18.09	/	/	<=34.77	Pass
		Inner_1RB_Right	22.68	/	/	17.78	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	706.5	Edge_1RB_Left	21.83	/	/	16.93	/	/	<=34.77	Pass
		Edge_1RB_Right	21.57	/	/	16.67	/	/	<=34.77	Pass
		Outer_Full	21.66	/	/	16.76	/	/	<=34.77	Pass
		Inner_Full	21.59	/	/	16.69	/	/	<=34.77	Pass
		Inner_1RB_Left	21.91	/	/	17.01	/	/	<=34.77	Pass
		Inner_1RB_Right	21.60	/	/	16.70	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.89	/	/	16.99	/	/	<=34.77	Pass

		Edge 1RB Right	21.61	/	/	16.71	/	/	<=34.77	Pass
		Outer_Full	21.58	/	/	16.68	/	/	<=34.77	Pass
		Inner_Full	21.64	/	/	16.74	/	/	<=34.77	Pass
		Inner 1RB Left	21.91	/	/	17.01	/	/	<=34.77	Pass
		Inner 1RB Right	21.56	/	/	16.66	/	/	<=34.77	Pass
	708.5	Edge 1RB Left	21.80	/	/	16.90	/	/	<=34.77	Pass
		Edge 1RB Right	21.54	/	/	16.64	/	/	<=34.77	Pass
		Outer_Full	21.58	/	/	16.68	/	/	<=34.77	Pass
		Inner_Full	21.56	/	/	16.66	/	/	<=34.77	Pass
		Inner 1RB Left	21.82	/	/	16.92	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	706.5	Inner 1RB Right	21.45	/	/	16.55	/	/	<=34.77	Pass
		Edge 1RB Left	19.14	/	/	14.24	/	/	<=34.77	Pass
		Edge 1RB Right	18.85	/	/	13.95	/	/	<=34.77	Pass
		Outer_Full	19.61	/	/	14.71	/	/	<=34.77	Pass
		Inner_Full	19.51	/	/	14.61	/	/	<=34.77	Pass
		Inner 1RB Left	19.15	/	/	14.25	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	18.86	/	/	13.96	/	/	<=34.77	Pass
		Edge 1RB Left	19.03	/	/	14.13	/	/	<=34.77	Pass
		Edge 1RB Right	18.76	/	/	13.86	/	/	<=34.77	Pass
		Outer_Full	19.68	/	/	14.78	/	/	<=34.77	Pass
		Inner_Full	19.44	/	/	14.54	/	/	<=34.77	Pass
		Inner 1RB Left	19.04	/	/	14.14	/	/	<=34.77	Pass
	708.5	Inner 1RB Right	18.79	/	/	13.89	/	/	<=34.77	Pass
		Edge 1RB Left	19.07	/	/	14.17	/	/	<=34.77	Pass
		Edge 1RB Right	18.69	/	/	13.79	/	/	<=34.77	Pass
		Outer_Full	19.55	/	/	14.65	/	/	<=34.77	Pass
		Inner_Full	19.48	/	/	14.58	/	/	<=34.77	Pass
		Inner 1RB Left	19.04	/	/	14.14	/	/	<=34.77	Pass
CP-OFDM QPSK	706.5	Inner 1RB Right	18.73	/	/	13.83	/	/	<=34.77	Pass
		Edge 1RB Left	21.21	/	/	16.31	/	/	<=34.77	Pass
		Edge 1RB Right	20.90	/	/	16.00	/	/	<=34.77	Pass
		Outer_Full	20.95	/	/	16.05	/	/	<=34.77	Pass
		Inner_Full	22.37	/	/	17.47	/	/	<=34.77	Pass
		Inner 1RB Left	22.81	/	/	17.91	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	22.47	/	/	17.57	/	/	<=34.77	Pass
		Edge 1RB Left	21.20	/	/	16.30	/	/	<=34.77	Pass
		Edge 1RB Right	20.75	/	/	15.85	/	/	<=34.77	Pass
		Outer_Full	20.92	/	/	16.02	/	/	<=34.77	Pass
		Inner_Full	22.44	/	/	17.54	/	/	<=34.77	Pass
		Inner 1RB Left	22.54	/	/	17.64	/	/	<=34.77	Pass
	708.5	Inner 1RB Right	22.24	/	/	17.34	/	/	<=34.77	Pass
		Edge 1RB Left	21.22	/	/	16.32	/	/	<=34.77	Pass
		Edge 1RB Right	20.78	/	/	15.88	/	/	<=34.77	Pass
		Outer_Full	20.99	/	/	16.09	/	/	<=34.77	Pass
		Inner_Full	22.44	/	/	17.54	/	/	<=34.77	Pass
		Inner 1RB Left	22.73	/	/	17.83	/	/	<=34.77	Pass
CP-OFDM 16 QAM	706.5	Inner 1RB Right	22.45	/	/	17.55	/	/	<=34.77	Pass
		Edge 1RB Left	21.17	/	/	16.27	/	/	<=34.77	Pass
		Edge 1RB Right	20.89	/	/	15.99	/	/	<=34.77	Pass
		Outer_Full	20.90	/	/	16.00	/	/	<=34.77	Pass
		Inner_Full	22.01	/	/	17.11	/	/	<=34.77	Pass
		Inner 1RB Left	22.18	/	/	17.28	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	21.90	/	/	17.00	/	/	<=34.77	Pass
		Edge 1RB Left	21.17	/	/	16.27	/	/	<=34.77	Pass
		Edge 1RB Right	20.86	/	/	15.96	/	/	<=34.77	Pass
		Outer_Full	20.97	/	/	16.07	/	/	<=34.77	Pass
		Inner_Full	21.98	/	/	17.08	/	/	<=34.77	Pass
		Inner 1RB Left	22.10	/	/	17.20	/	/	<=34.77	Pass
		Inner 1RB Right	21.87	/	/	16.97	/	/	<=34.77	Pass

	708.5	Edge_1RB_Left	21.12	/	/	16.22	/	/	<=34.77	Pass
		Edge_1RB_Right	20.76	/	/	15.86	/	/	<=34.77	Pass
		Outer_Full	20.83	/	/	15.93	/	/	<=34.77	Pass
		Inner_Full	21.99	/	/	17.09	/	/	<=34.77	Pass
		Inner_1RB_Left	22.13	/	/	17.23	/	/	<=34.77	Pass
		Inner_1RB_Right	21.81	/	/	16.91	/	/	<=34.77	Pass
CP-OFDM 64 QAM	706.5	Edge_1RB_Left	20.78	/	/	15.88	/	/	<=34.77	Pass
		Edge_1RB_Right	20.52	/	/	15.62	/	/	<=34.77	Pass
		Outer_Full	20.48	/	/	15.58	/	/	<=34.77	Pass
		Inner_Full	20.50	/	/	15.60	/	/	<=34.77	Pass
		Inner_1RB_Left	20.72	/	/	15.82	/	/	<=34.77	Pass
		Inner_1RB_Right	20.48	/	/	15.58	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.77	/	/	15.87	/	/	<=34.77	Pass
		Edge_1RB_Right	20.47	/	/	15.57	/	/	<=34.77	Pass
		Outer_Full	20.47	/	/	15.57	/	/	<=34.77	Pass
		Inner_Full	20.54	/	/	15.64	/	/	<=34.77	Pass
		Inner_1RB_Left	20.82	/	/	15.92	/	/	<=34.77	Pass
		Inner_1RB_Right	20.50	/	/	15.60	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	20.68	/	/	15.78	/	/	<=34.77	Pass
		Edge_1RB_Right	20.37	/	/	15.47	/	/	<=34.77	Pass
		Outer_Full	20.50	/	/	15.60	/	/	<=34.77	Pass
		Inner_Full	20.43	/	/	15.53	/	/	<=34.77	Pass
		Inner_1RB_Left	20.67	/	/	15.77	/	/	<=34.77	Pass
		Inner_1RB_Right	20.40	/	/	15.50	/	/	<=34.77	Pass
CP-OFDM 256 QAM	706.5	Edge_1RB_Left	17.37	/	/	12.47	/	/	<=34.77	Pass
		Edge_1RB_Right	17.03	/	/	12.13	/	/	<=34.77	Pass
		Outer_Full	17.60	/	/	12.70	/	/	<=34.77	Pass
		Inner_Full	17.66	/	/	12.76	/	/	<=34.77	Pass
		Inner_1RB_Left	17.28	/	/	12.38	/	/	<=34.77	Pass
		Inner_1RB_Right	17.03	/	/	12.13	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	17.24	/	/	12.34	/	/	<=34.77	Pass
		Edge_1RB_Right	16.94	/	/	12.04	/	/	<=34.77	Pass
		Outer_Full	17.63	/	/	12.73	/	/	<=34.77	Pass
		Inner_Full	17.38	/	/	12.48	/	/	<=34.77	Pass
		Inner_1RB_Left	17.28	/	/	12.38	/	/	<=34.77	Pass
		Inner_1RB_Right	16.94	/	/	12.04	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	17.19	/	/	12.29	/	/	<=34.77	Pass
		Edge_1RB_Right	16.90	/	/	12.00	/	/	<=34.77	Pass
		Outer_Full	17.48	/	/	12.58	/	/	<=34.77	Pass
		Inner_Full	17.45	/	/	12.55	/	/	<=34.77	Pass
		Inner_1RB_Left	17.11	/	/	12.21	/	/	<=34.77	Pass
		Inner_1RB_Right	16.81	/	/	11.91	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant0: -2.75dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_15MHz

5G NR n12 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	707.5	Outer_Full	20	LV	-7.80	-0.0110	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0068	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0107	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0099	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0112	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0103	>=-2.5 & <=2.5	Pass
			40	NV	0.50	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-8.30	-0.0117	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	4.54	5.31	/	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	4.52	5.20	/	Pass
DFT-s-OFDM 16 QAM	707.5	Outer_Full	4.57	5.30	/	Pass
DFT-s-OFDM 64 QAM	707.5	Outer_Full	4.53	5.16	/	Pass
DFT-s-OFDM 256 QAM	707.5	Outer_Full	4.53	5.27	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	4.55	5.38	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	4.55	5.29	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	4.58	5.30	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	4.55	5.37	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

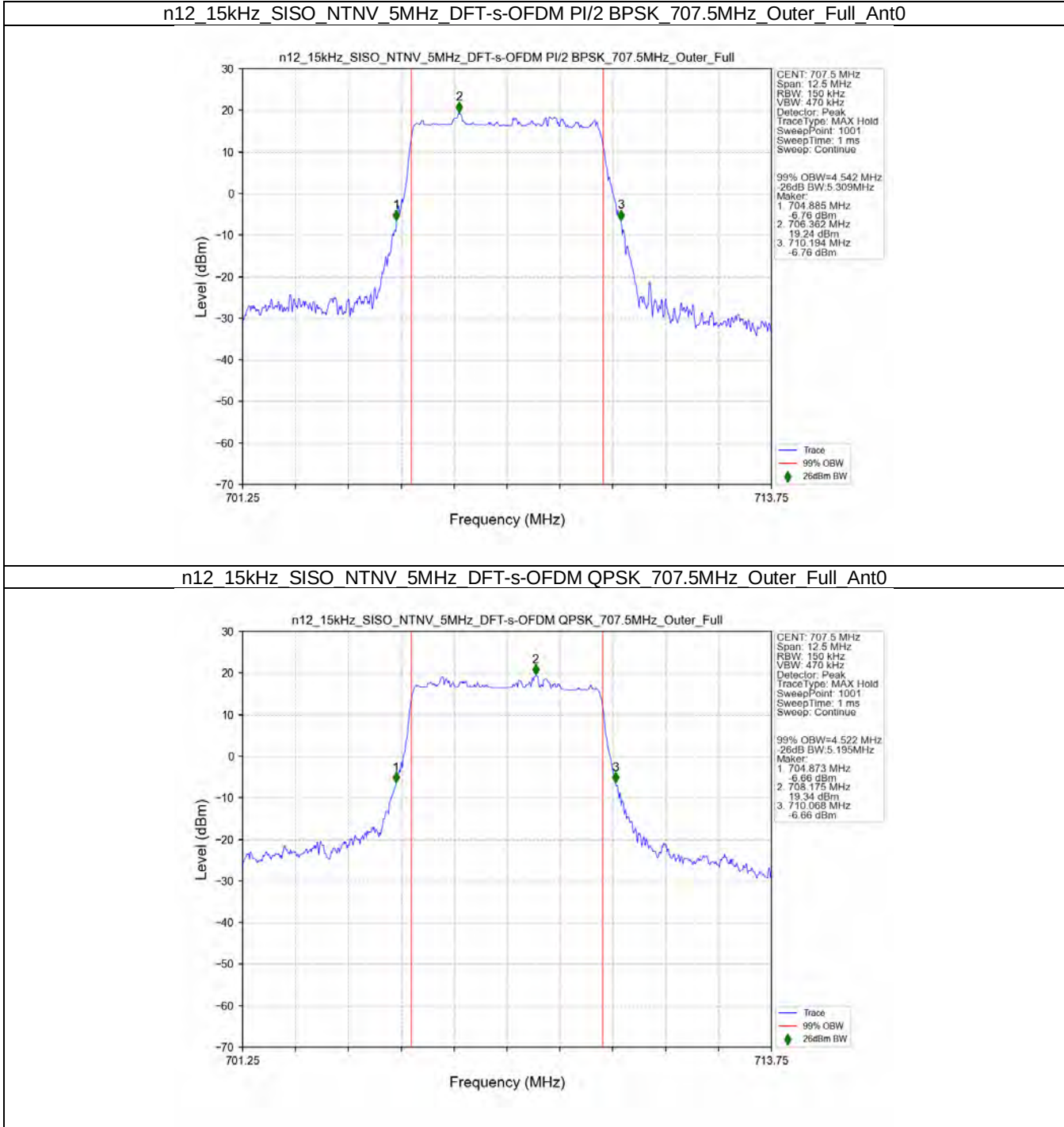
5G NR n12 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	9.02	9.91	/	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	9.05	9.95	/	Pass
DFT-s-OFDM 16 QAM	707.5	Outer_Full	9.05	9.96	/	Pass
DFT-s-OFDM 64 QAM	707.5	Outer_Full	9.03	9.97	/	Pass
DFT-s-OFDM 256 QAM	707.5	Outer_Full	9.04	9.93	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	9.36	10.47	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	9.38	10.30	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	9.34	10.32	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	9.39	10.39	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

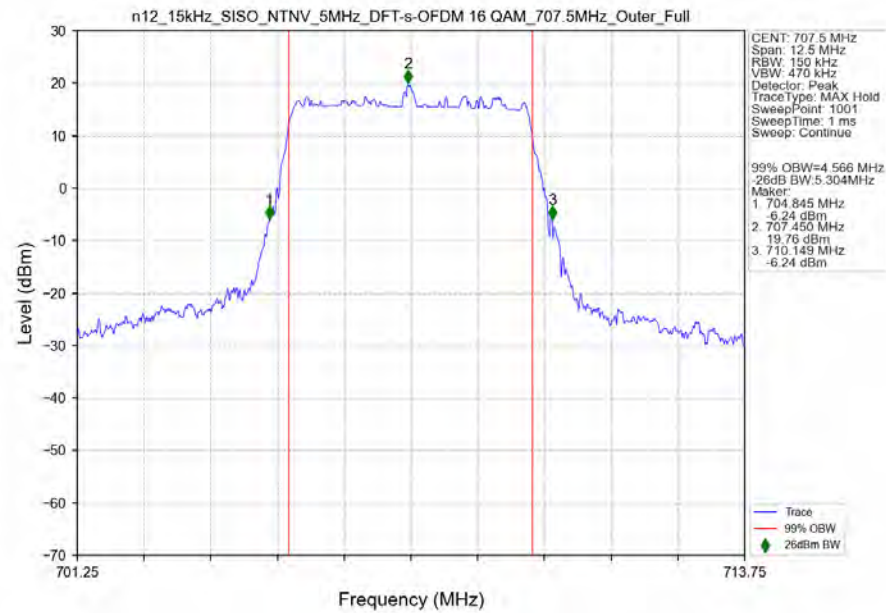
5G NR n12 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	13.59	14.56	/	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	13.62	14.78	/	Pass
DFT-s-OFDM 16 QAM	707.5	Outer_Full	13.63	14.80	/	Pass
DFT-s-OFDM 64 QAM	707.5	Outer_Full	13.54	14.73	/	Pass
DFT-s-OFDM 256 QAM	707.5	Outer_Full	13.54	14.66	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	14.29	15.66	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	14.32	16.22	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	14.33	15.29	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	14.23	15.55	/	Pass

3.2 Test Graph

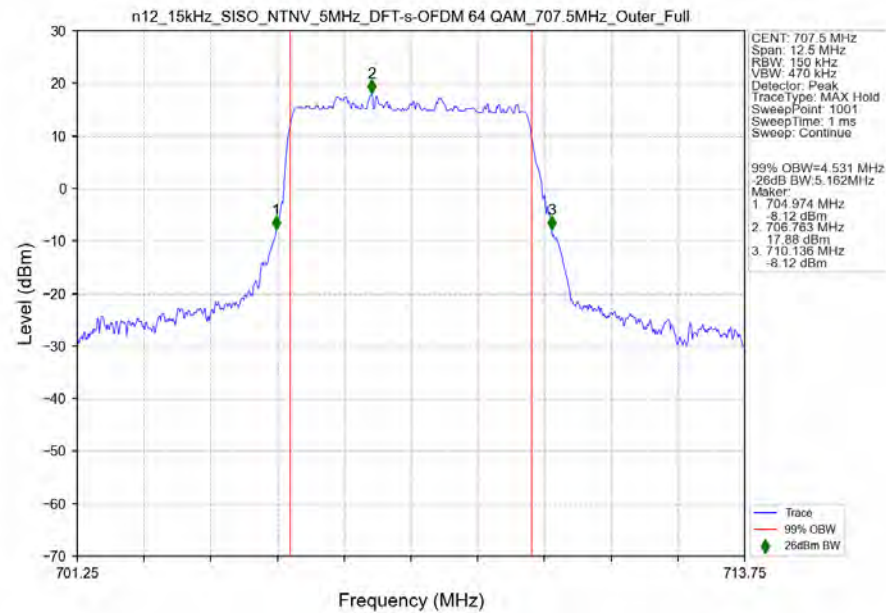
3.2.1 15k_SISO_5MHz_NTNV



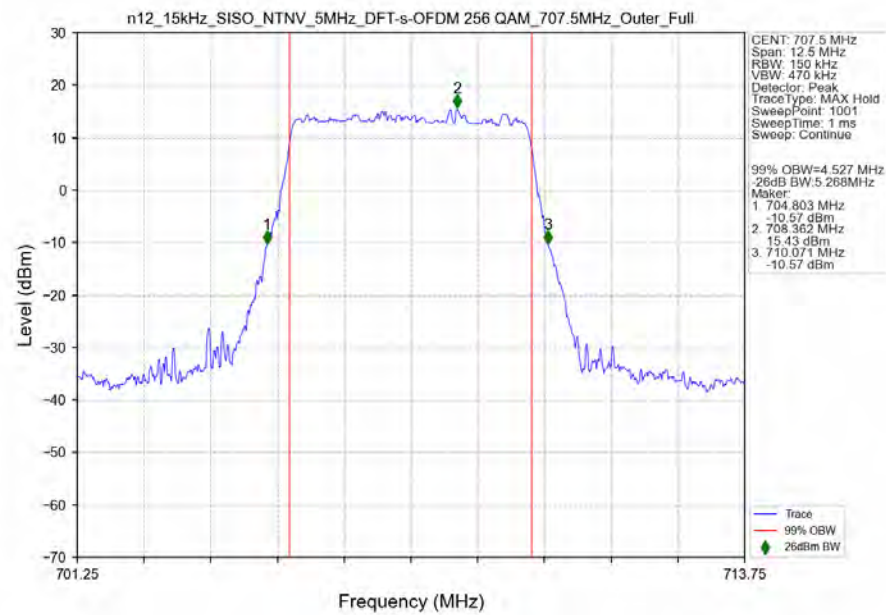
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_707.5MHz_Outer_Full_Ant0



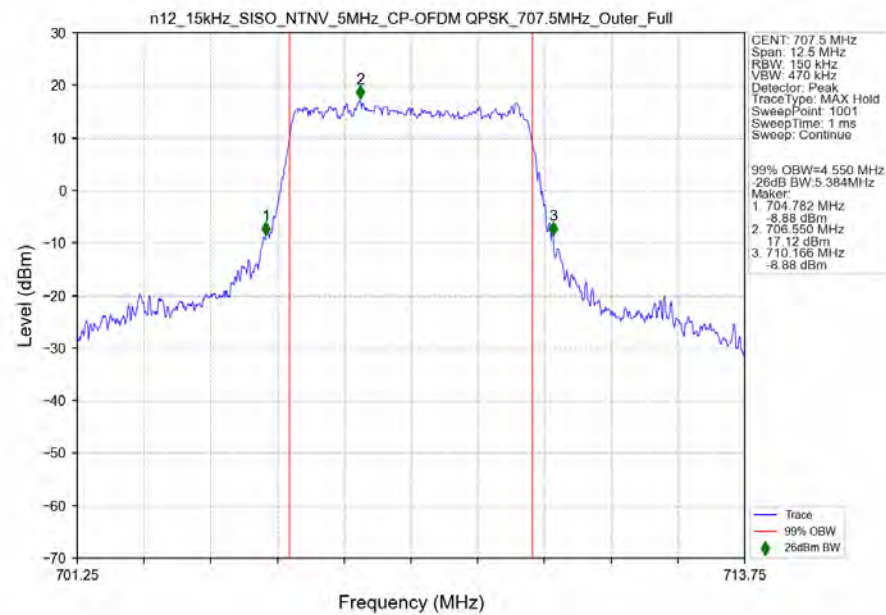
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_707.5MHz_Outer_Full_Ant0



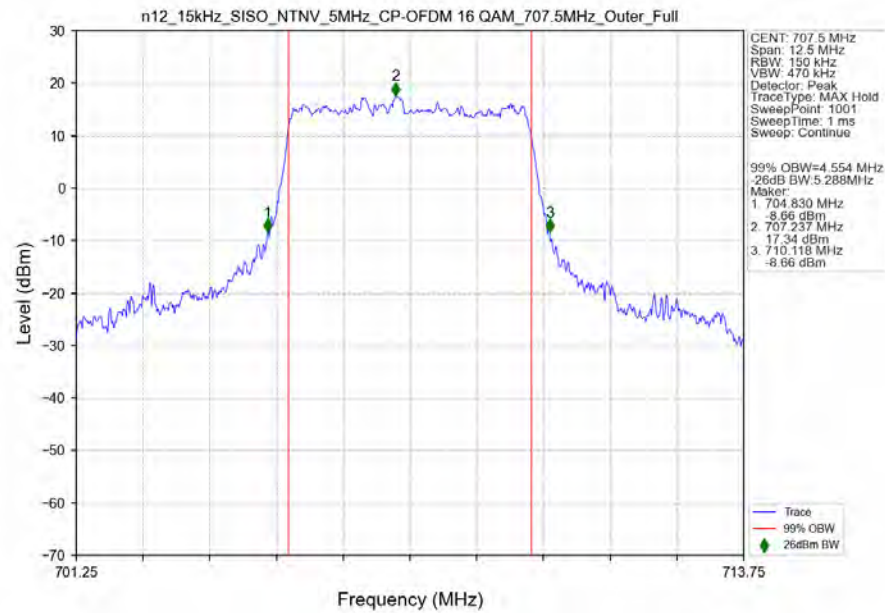
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full_Ant0



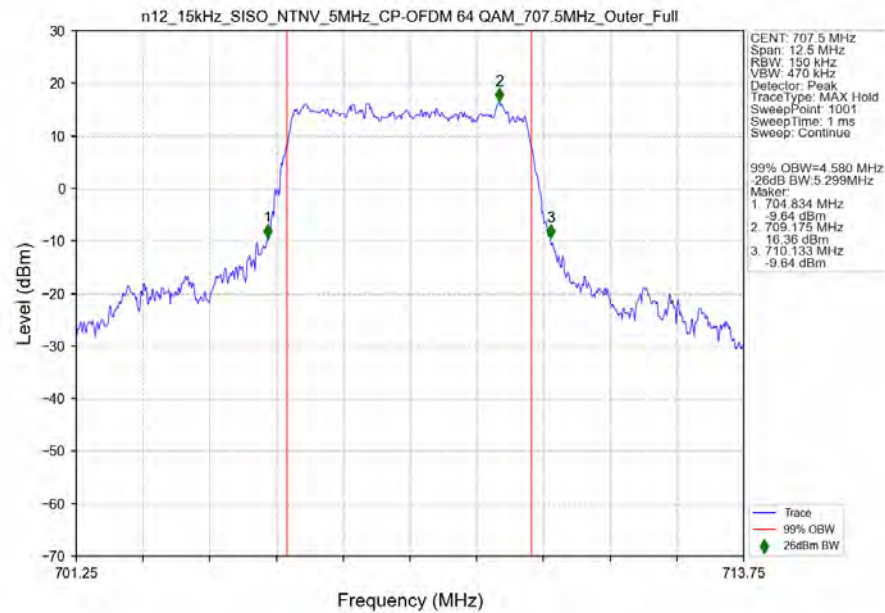
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_707.5MHz_Outer_Full_Ant0

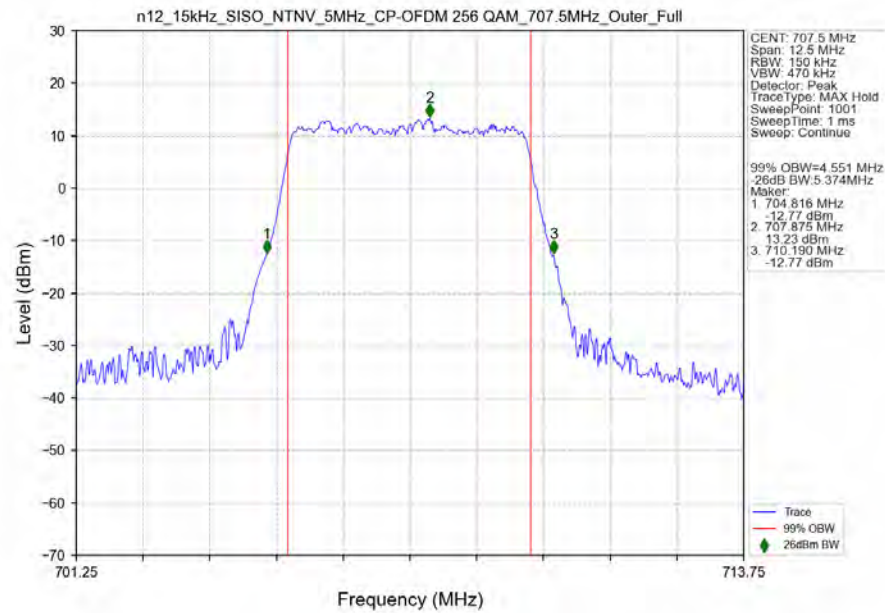


n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_707.5MHz_Outer_Full_Ant0

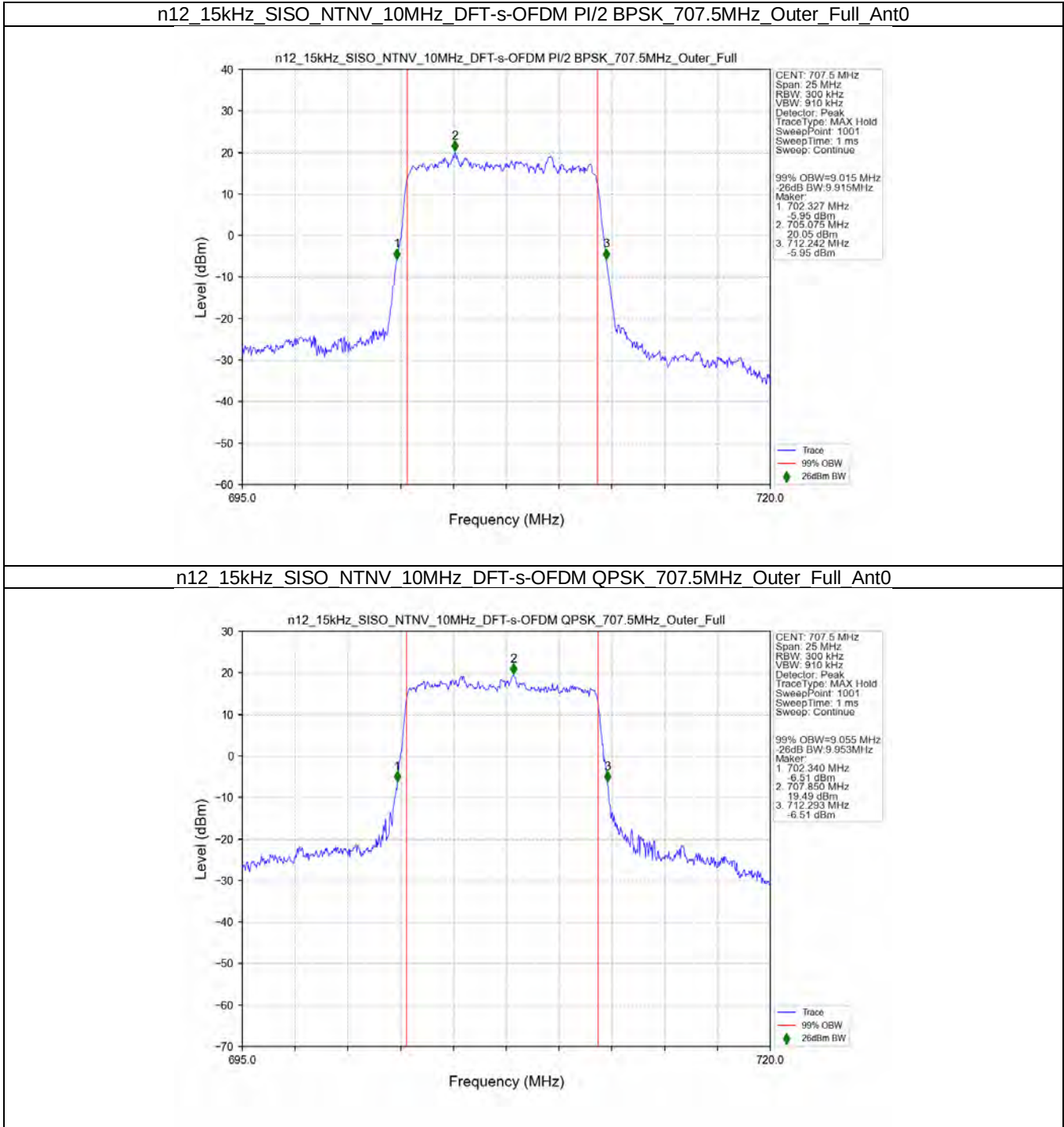


n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_64_QAM_707.5MHz_Outer_Full_Ant0

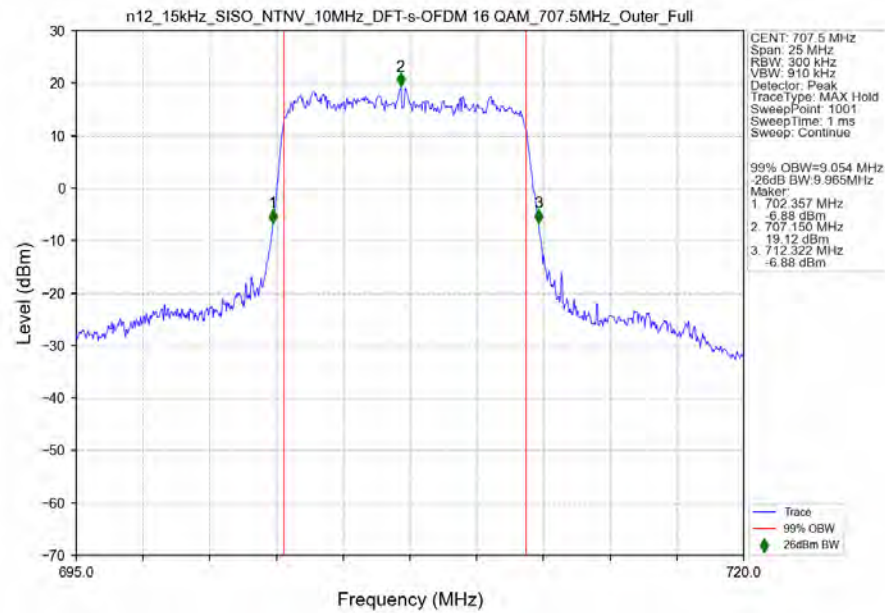




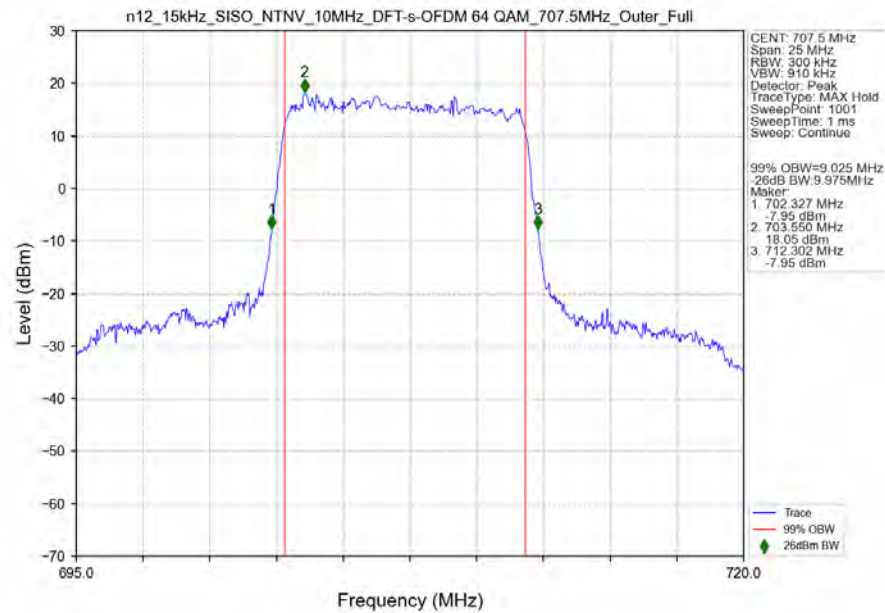
3.2.2 15k_SISO_10MHz_NTNV



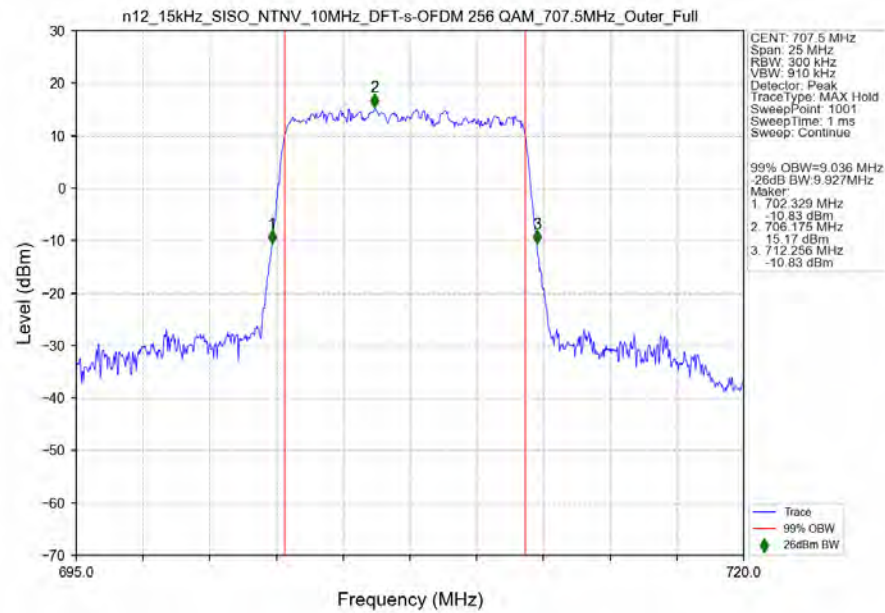
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_707.5MHz_Outer_Full_Ant0



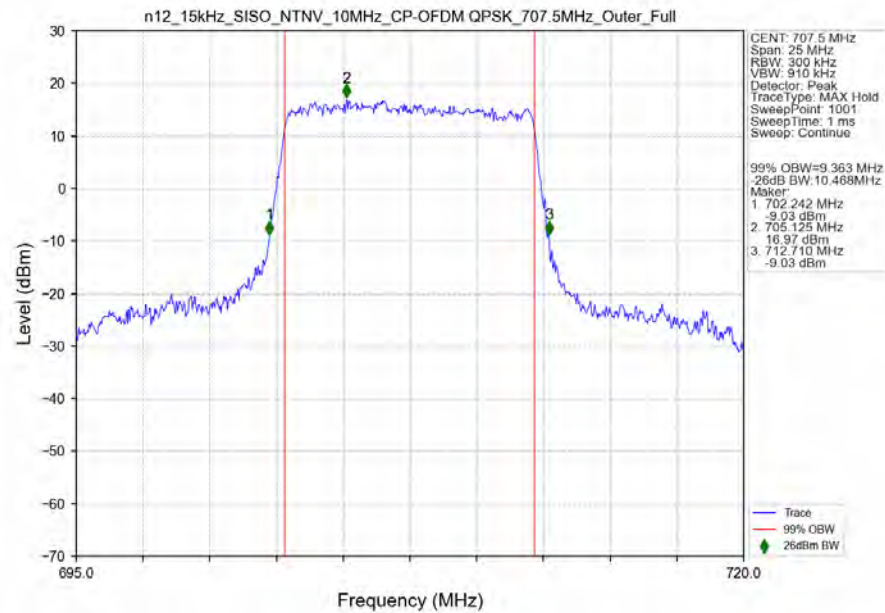
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_707.5MHz_Outer_Full_Ant0



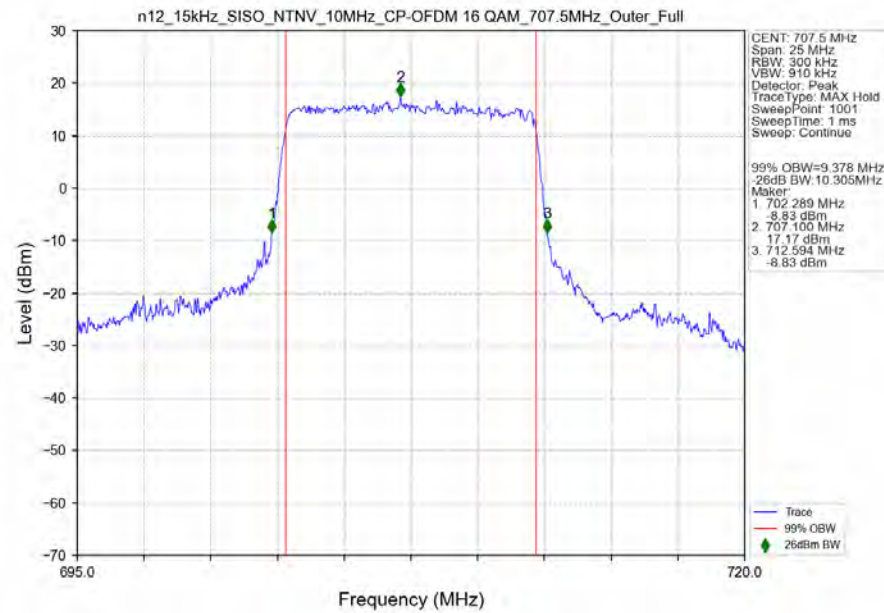
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full_Ant0



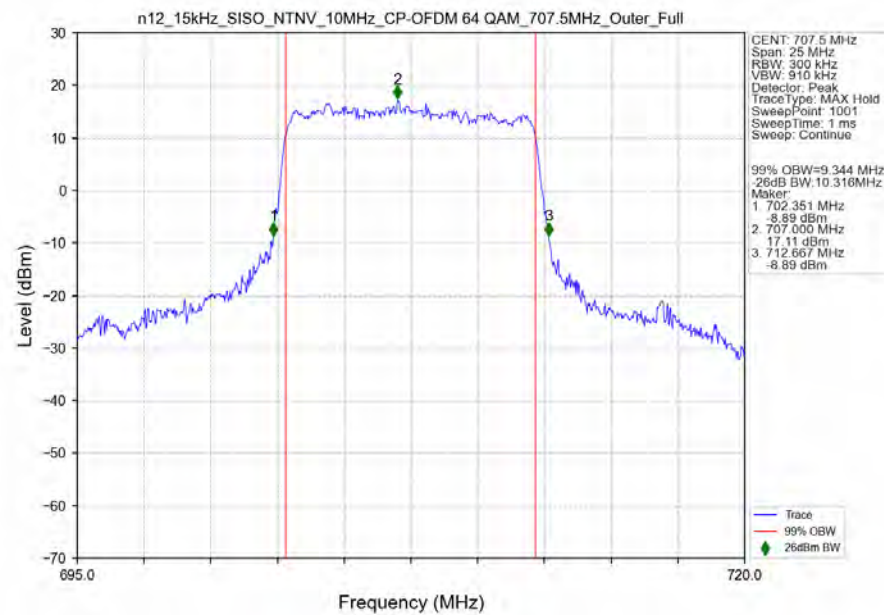
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_707.5MHz_Outer_Full_Ant0

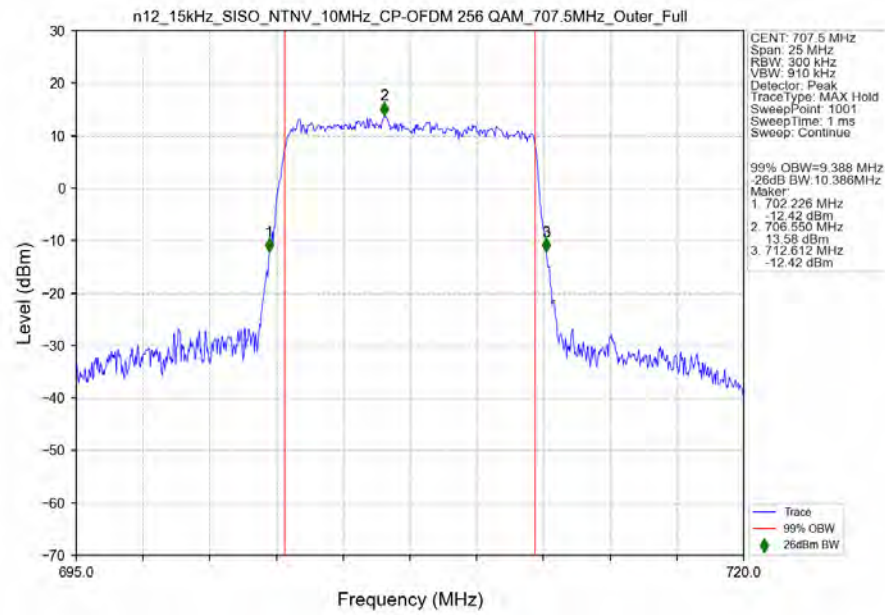


n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 707.5MHz_Outer_Full_Ant0

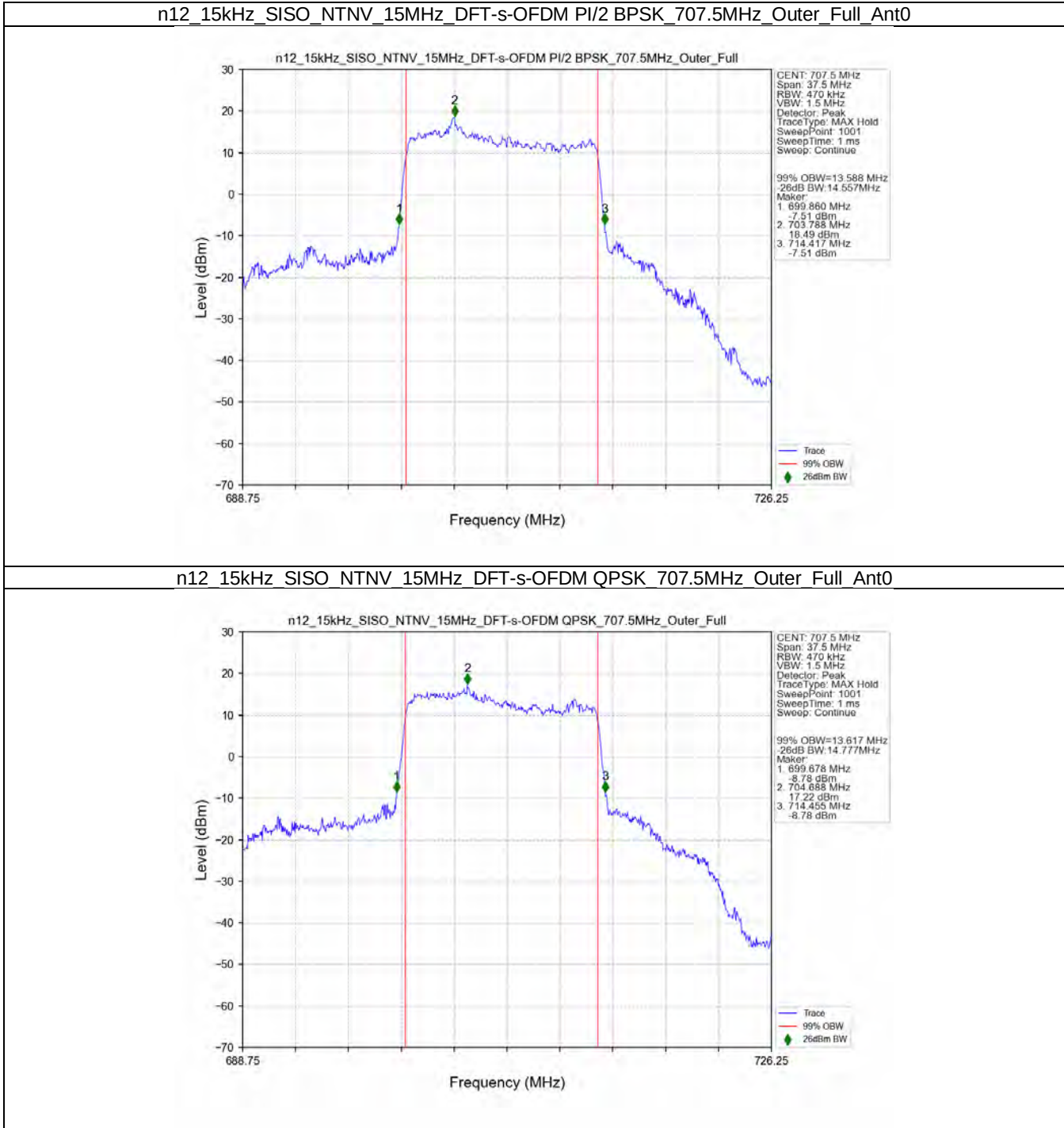


n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 707.5MHz_Outer_Full_Ant0

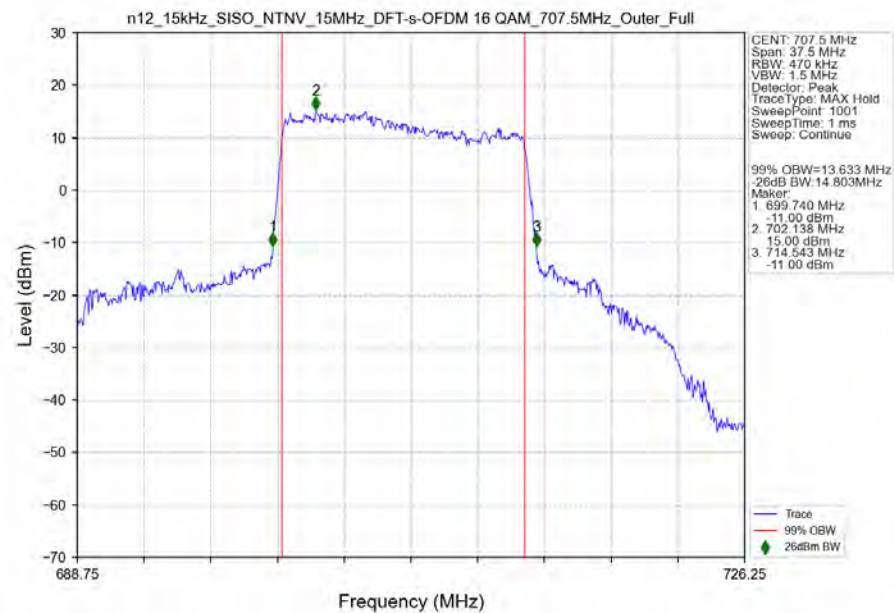




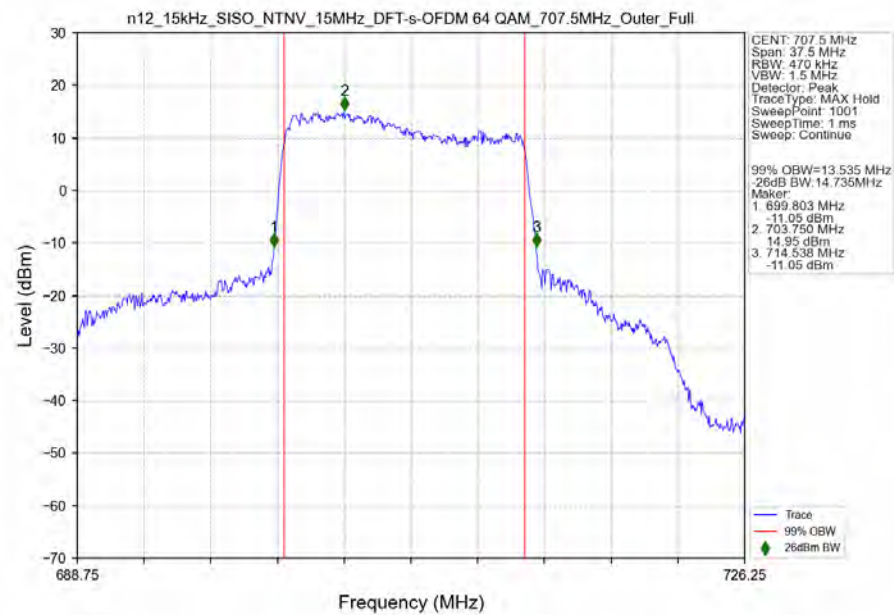
3.2.3 15k_SISO_15MHz_NTNV



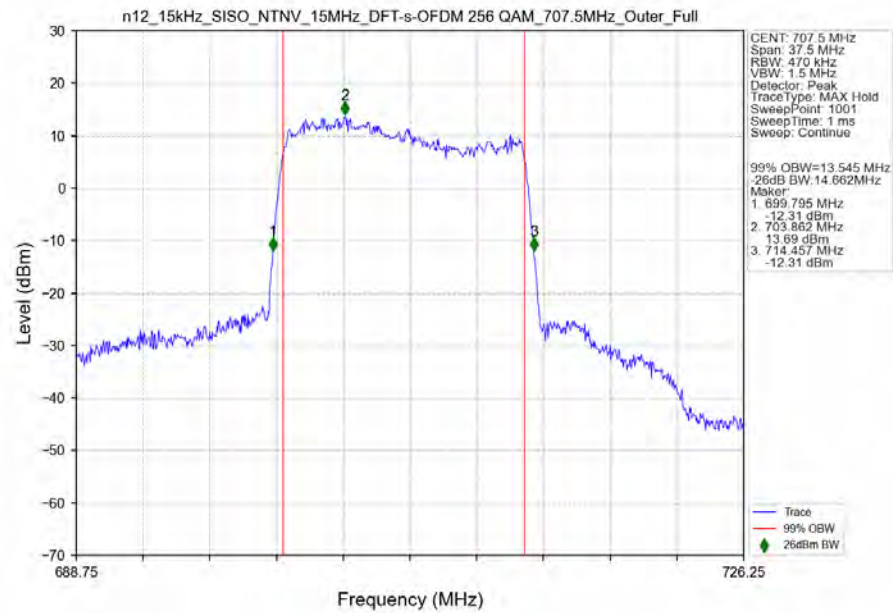
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_707.5MHz_Outer_Full_Ant0



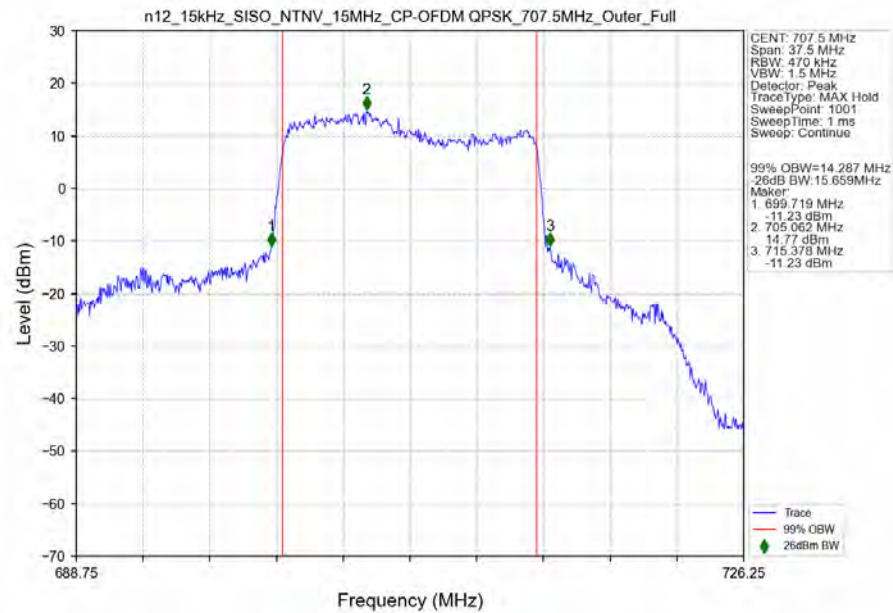
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_707.5MHz_Outer_Full_Ant0



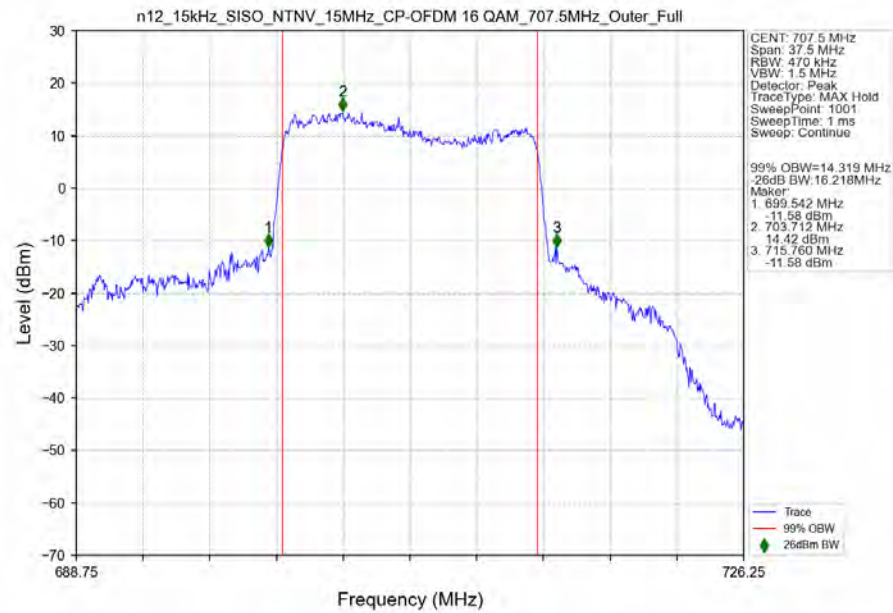
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full_Ant0



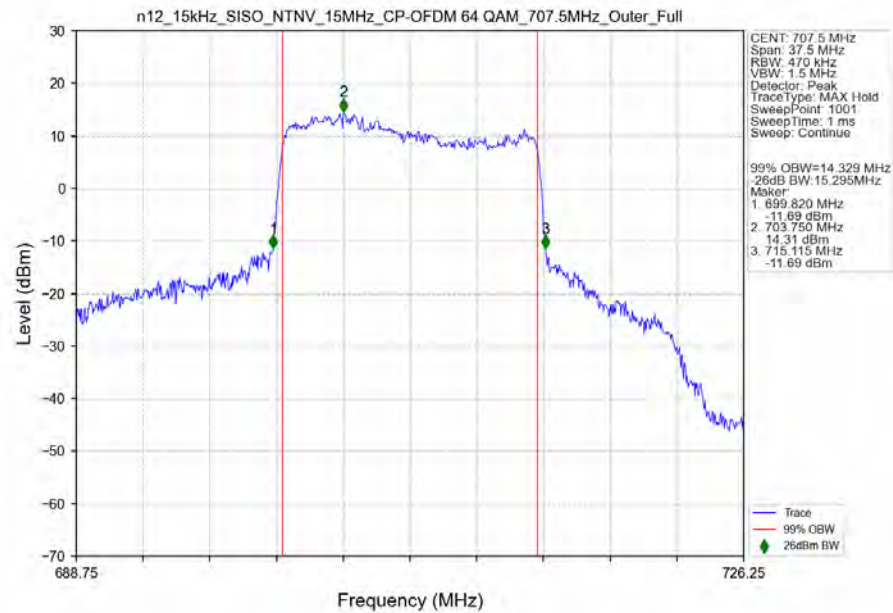
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_707.5MHz_Outer_Full_Ant0

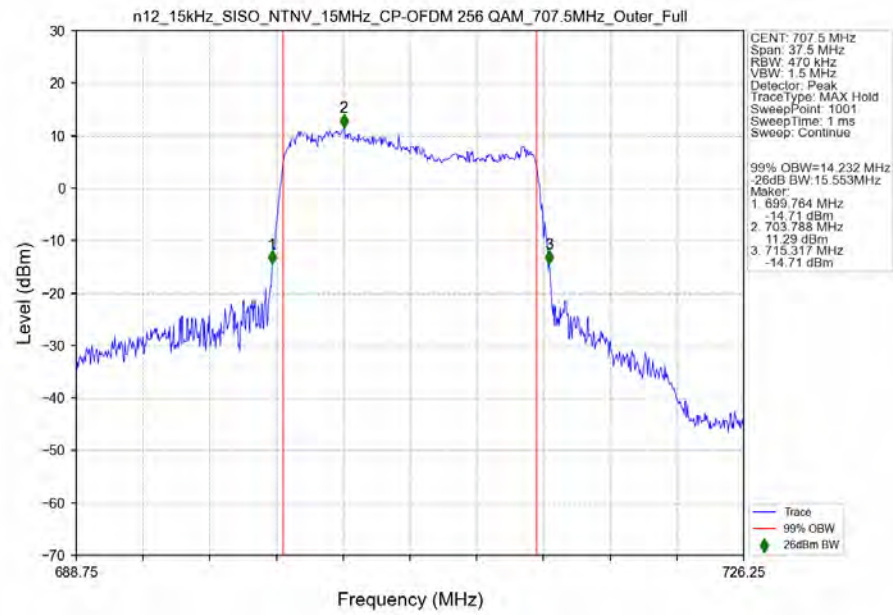


n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_707.5MHz_Outer_Full_Ant0



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_707.5MHz_Outer_Full_Ant0





4. Peak-Average Ratio

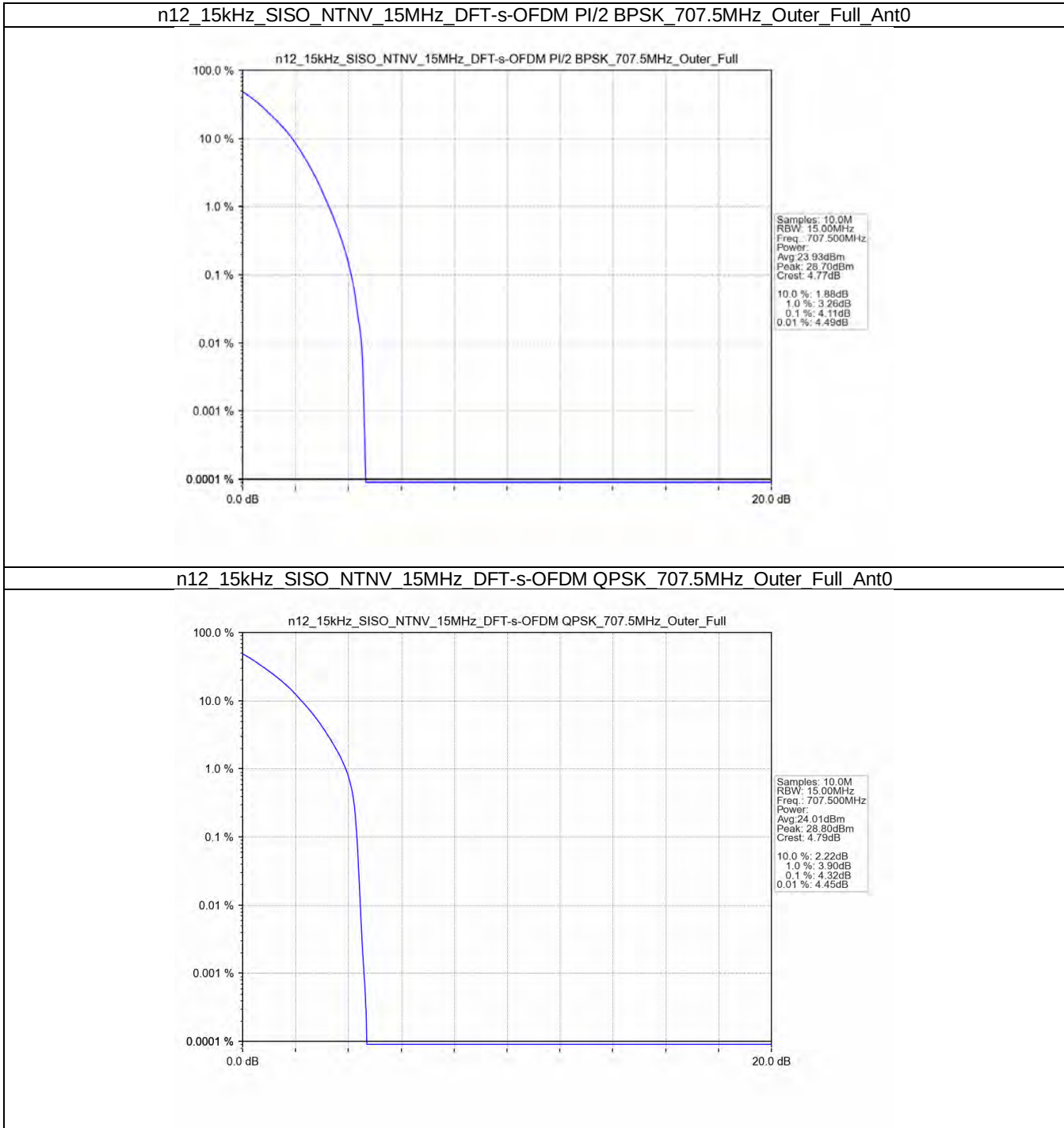
4.1 Test Result

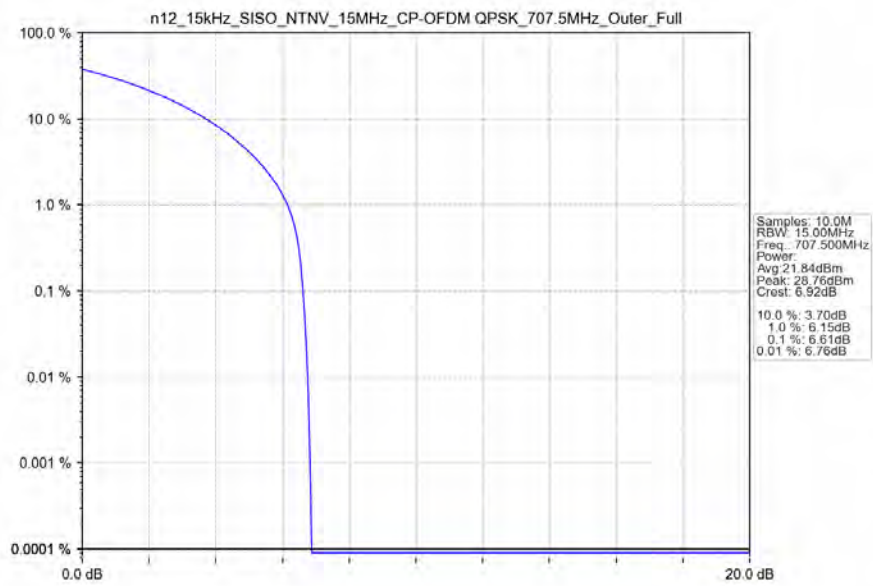
4.1.1 15k_SISO_15MHz_NTNV

5G NR n12 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	4.11	/	/	<=13	Pass
DFT-s-OFDM QPSK	707.5	Outer_Full	4.32	/	/	<=13	Pass
CP-OFDM QPSK	707.5	Outer_Full	6.61	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_15MHz_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	713.5	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	713.5	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	713.5	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n12 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	707.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
	711	Outer Full	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	704	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	707.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
	711	Outer Full	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
CP-OFDM QPSK	704	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	707.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
	711	Outer Full	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

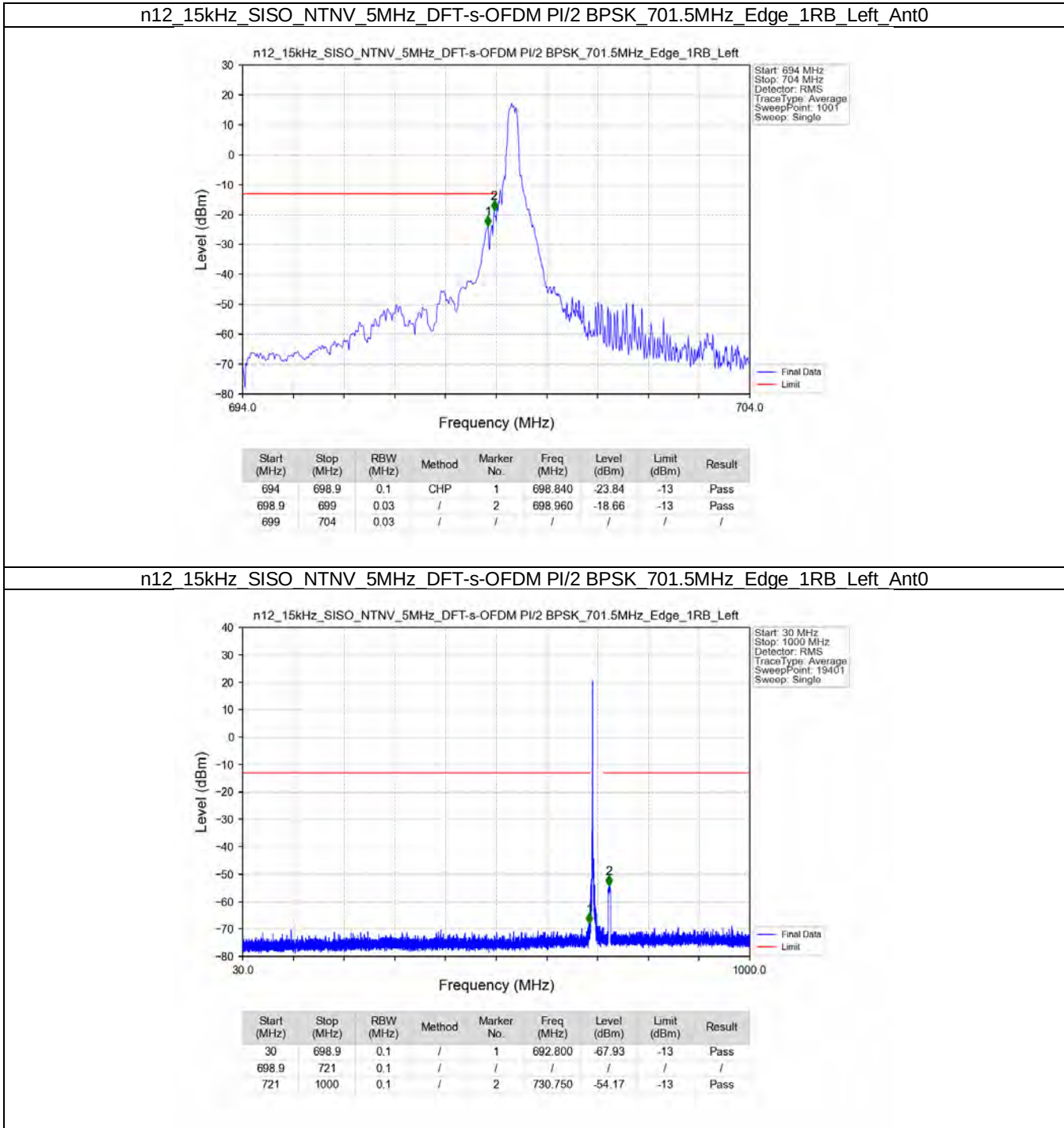
5.1.3 15k_SISO_15MHz_NTNV

5G NR n12 SCS=15kHz SISO 15MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

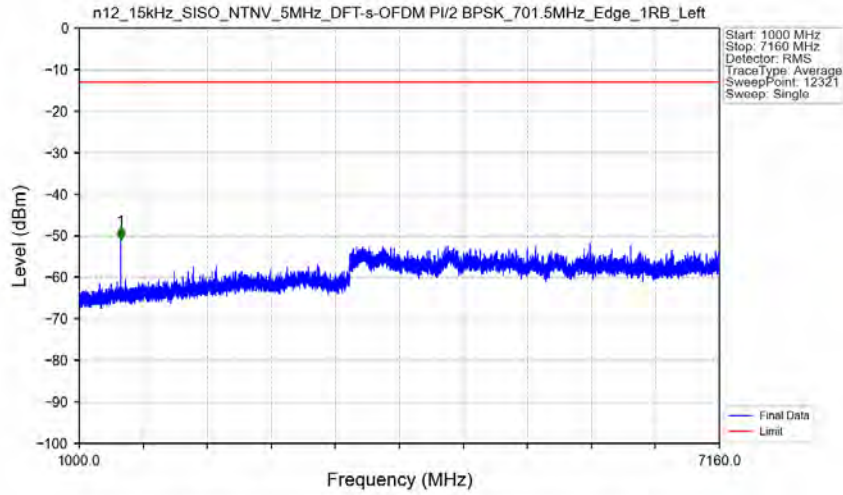
	707.5	Edge_1RB_Left	Refer To Test Graph	Pass
	708.5	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	706.5	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	707.5	Edge_1RB_Left	Refer To Test Graph	Pass
	708.5	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	706.5	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	707.5	Edge_1RB_Left	Refer To Test Graph	Pass
	708.5	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

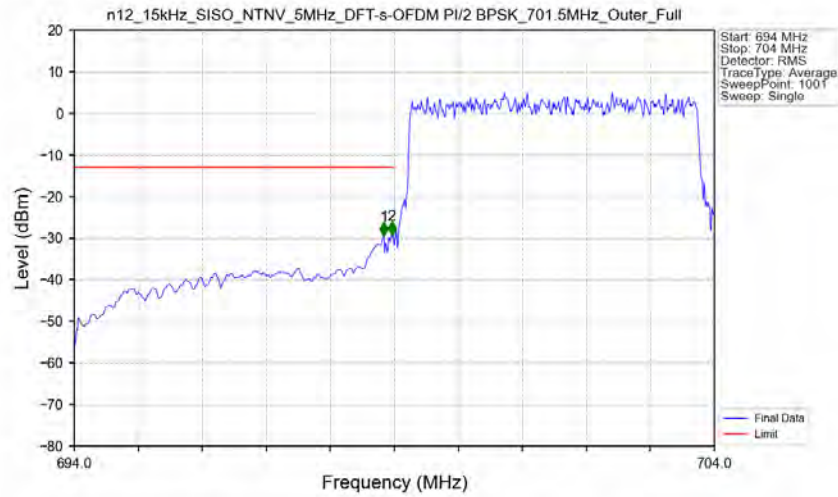


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_701.5MHz_Edge_1RB_Left_Ant0



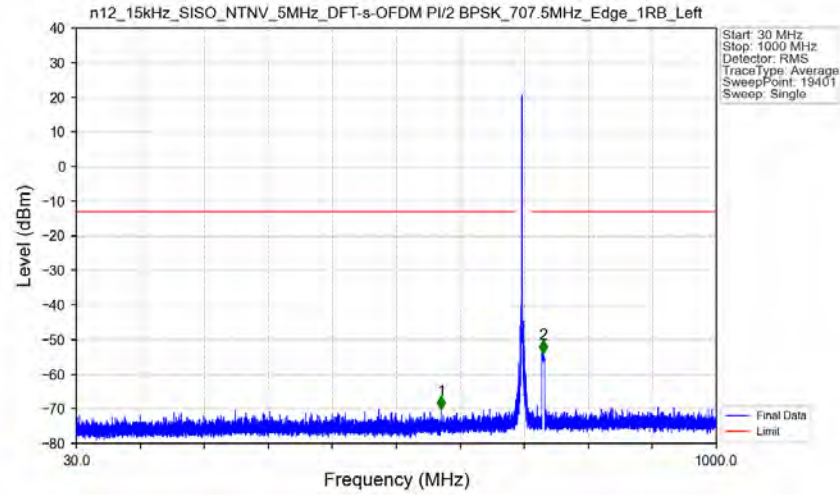
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1398.500	-50.96	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_701.5MHz_Outer_Full_Ant0



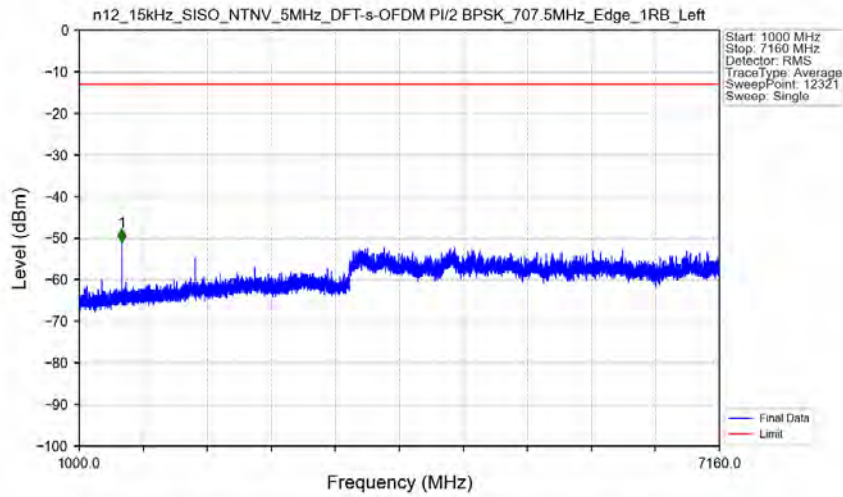
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.29	-13	Pass
698.9	699	0.03	/	2	698.960	-29.09	-13	Pass
699	704	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant0



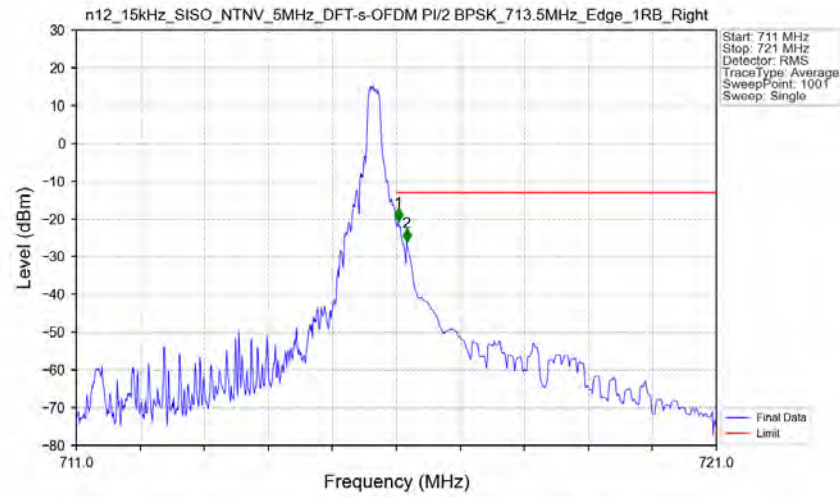
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	583.150	-70.02	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	737.900	-53.89	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant0

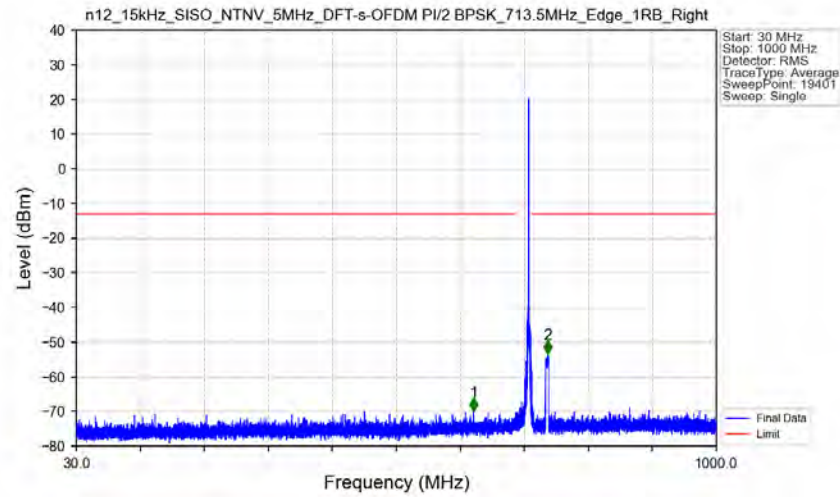


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1410.500	-50.86	-13	Pass

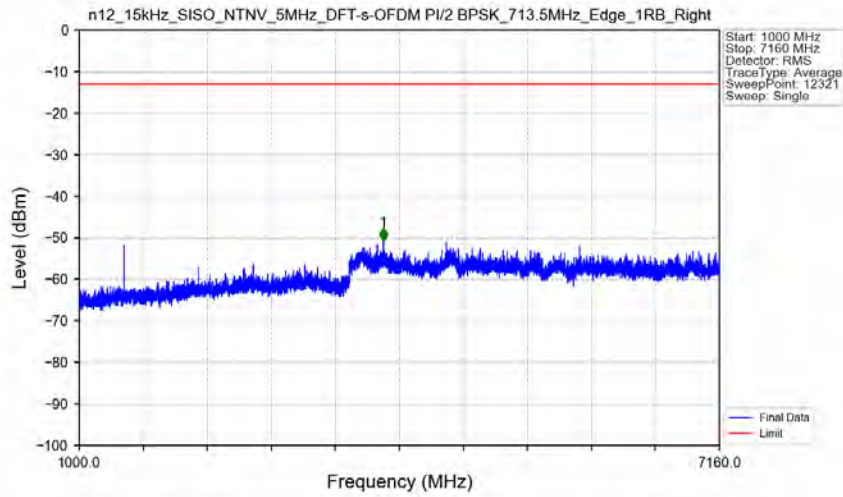
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_713.5MHz_Edge_1RB_Right_Ant0



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_713.5MHz_Edge_1RB_Right_Ant0

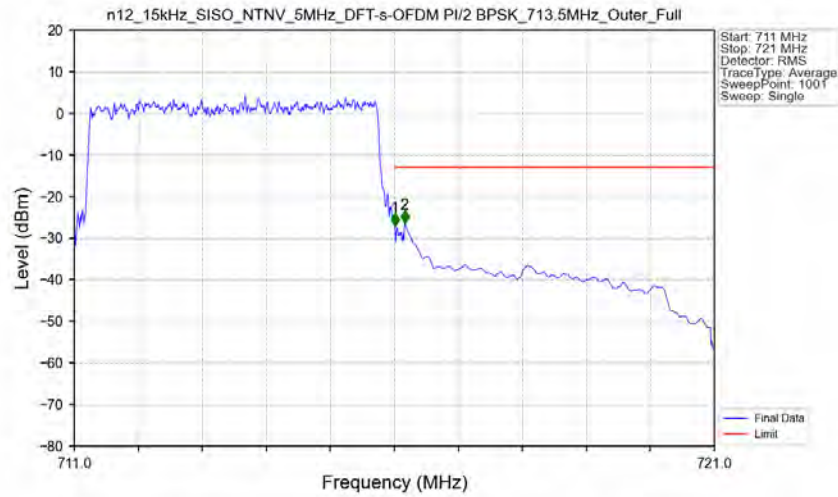


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_713.5MHz_Edge_1RB_Right_Ant0



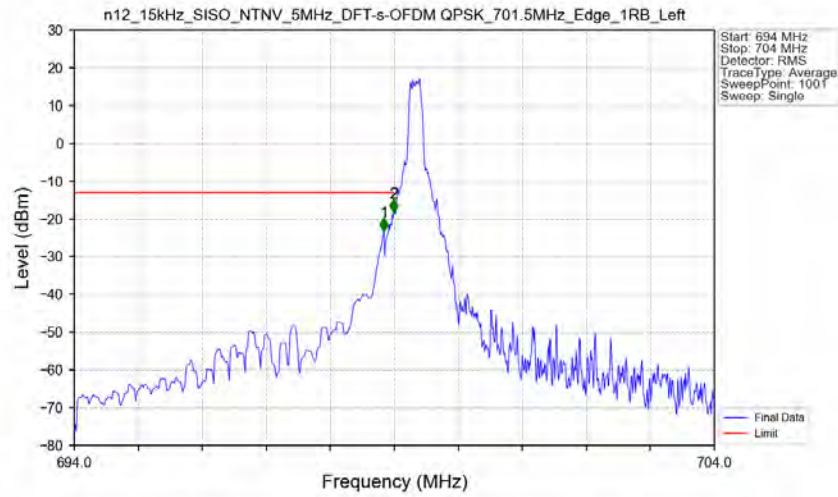
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3927.000	-50.75	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_713.5MHz_Outer_Full_Ant0



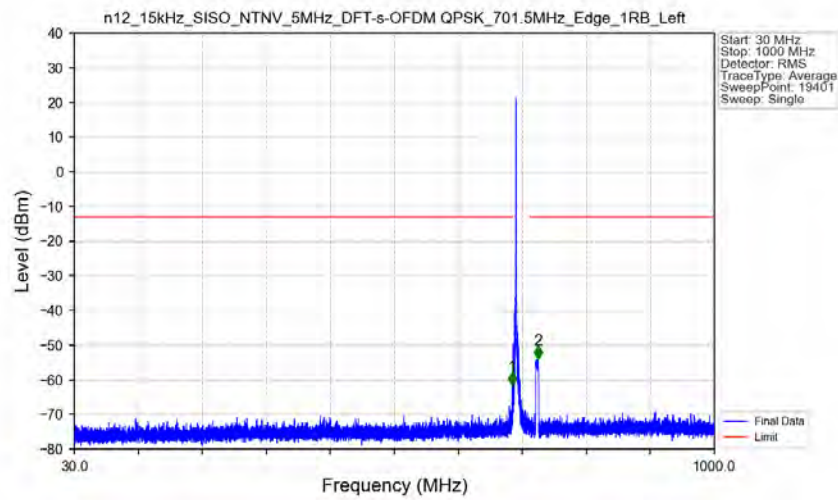
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-27.12	-13	Pass
716.1	721	0.1	CHP	2	716.160	-26.47	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant0



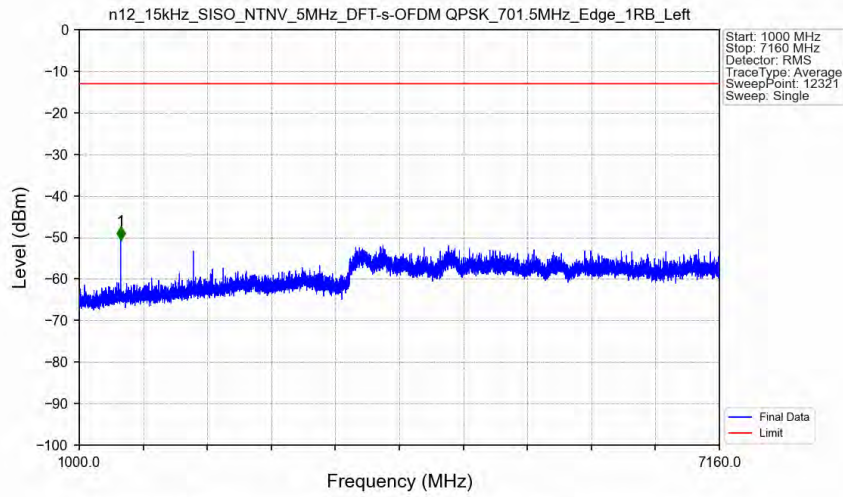
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-23.15	-13	Pass
698.9	699	0.03	/	2	698.990	-18.27	-13	Pass
699	704	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant0

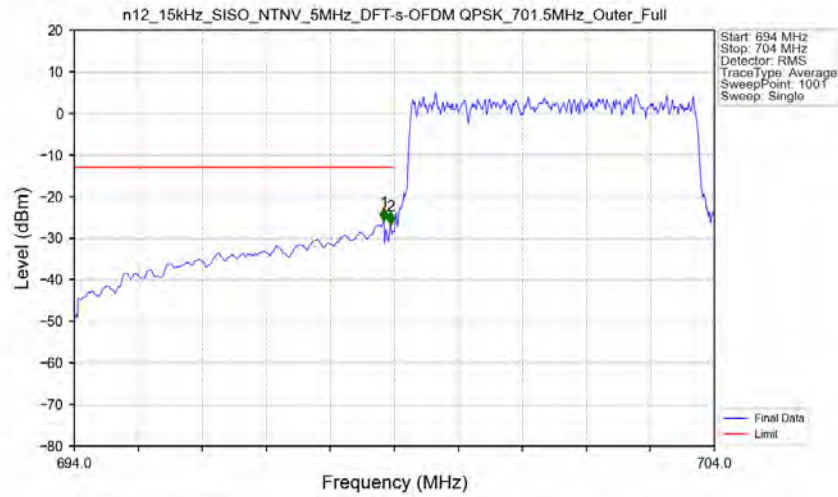


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.450	-61.61	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	733.300	-53.90	-13	Pass

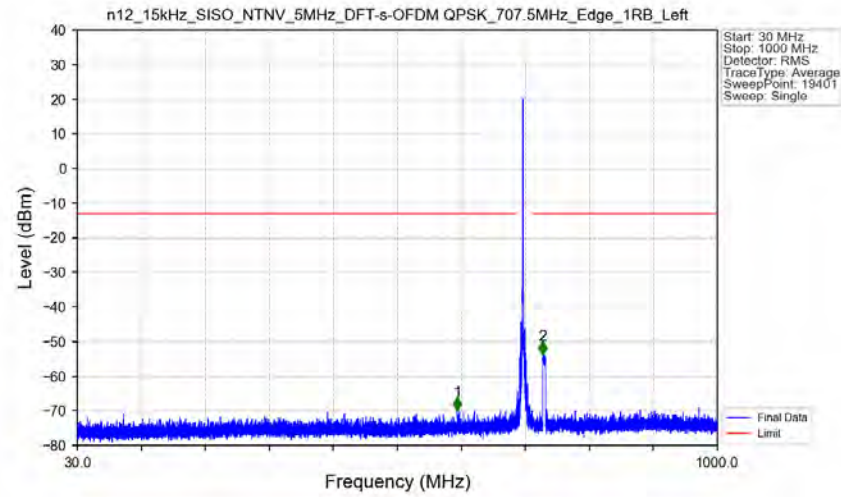
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant0



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_701.5MHz_Outer_Full_Ant0

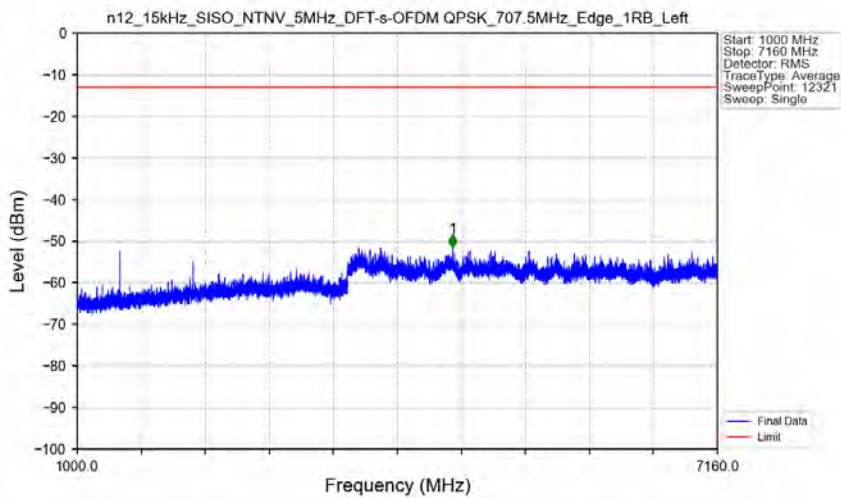


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



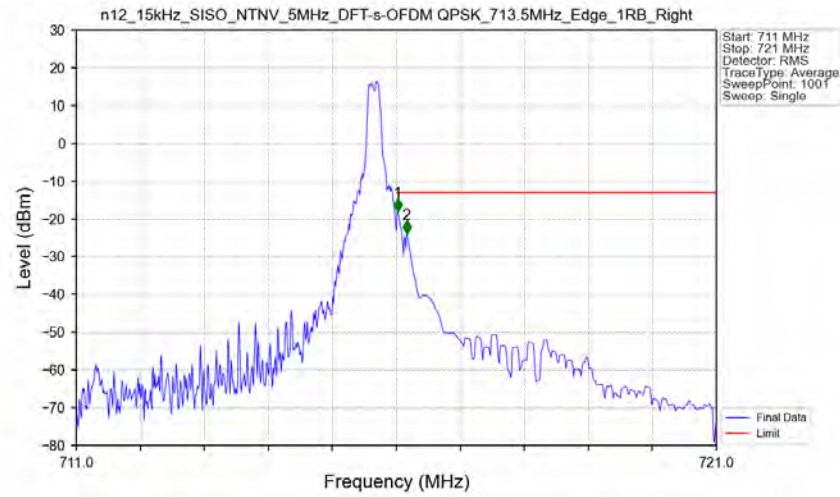
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	605.850	-69.83	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	735.650	-53.72	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0

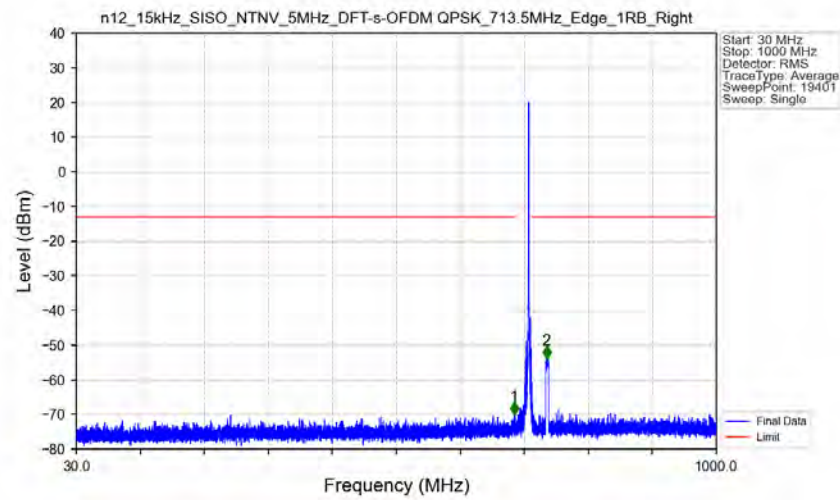


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	4613.500	-51.54	-13	Pass

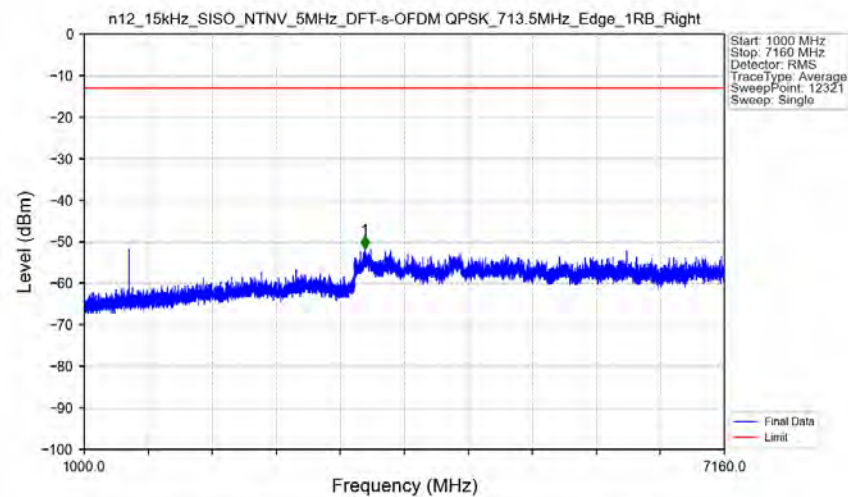
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant0



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant0

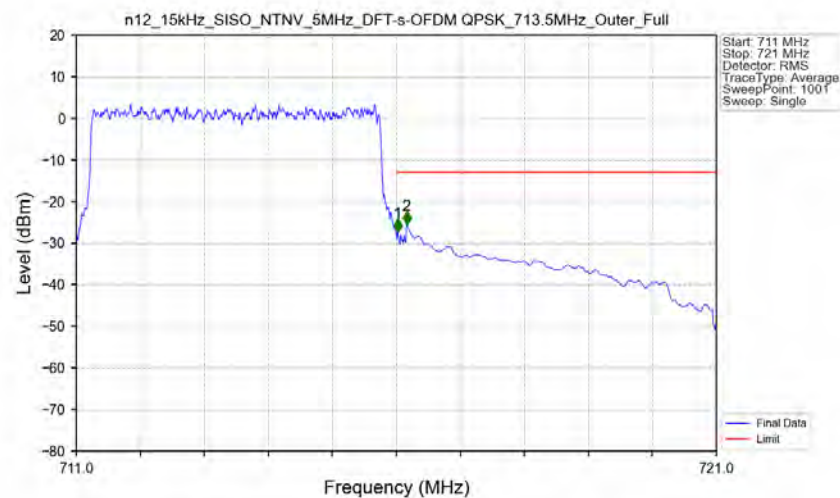


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant0



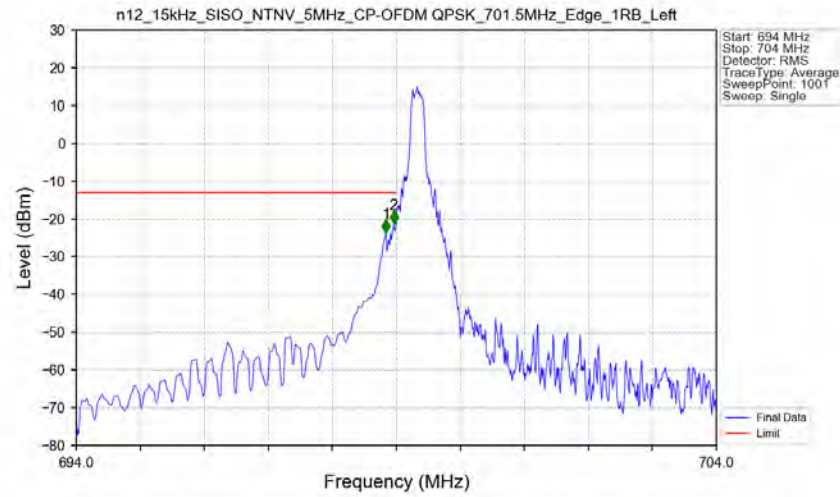
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3701.000	-51.65	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_713.5MHz_Outer_Full_Ant0



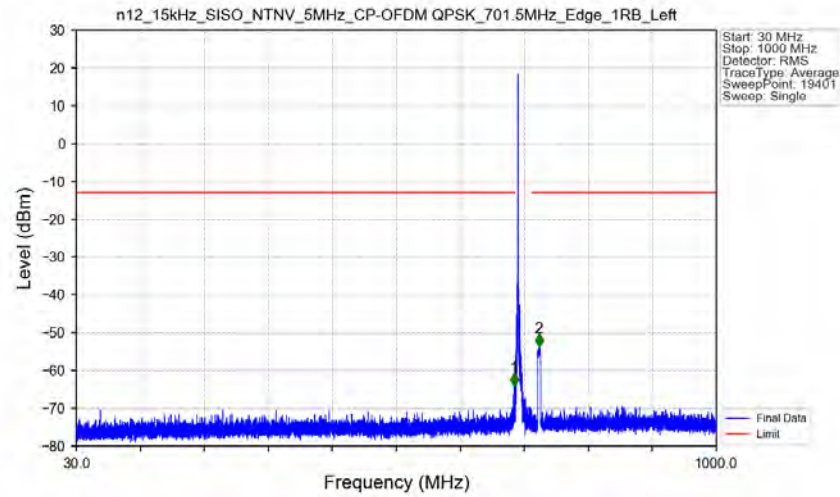
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-27.28	-13	Pass
716.1	721	0.1	CHP	2	716.160	-25.52	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant0



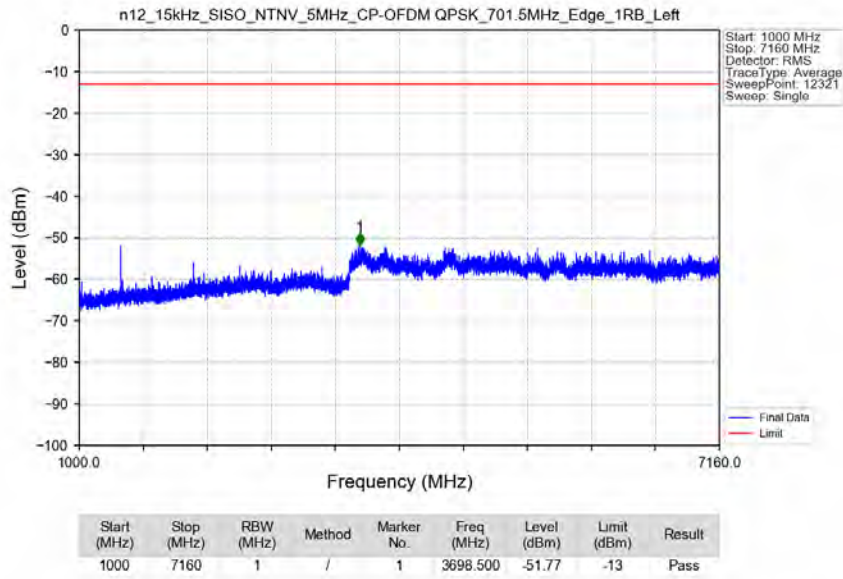
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-23.62	-13	Pass
698.9	699	0.03	/	2	698.960	-21.27	-13	Pass
699	704	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant0

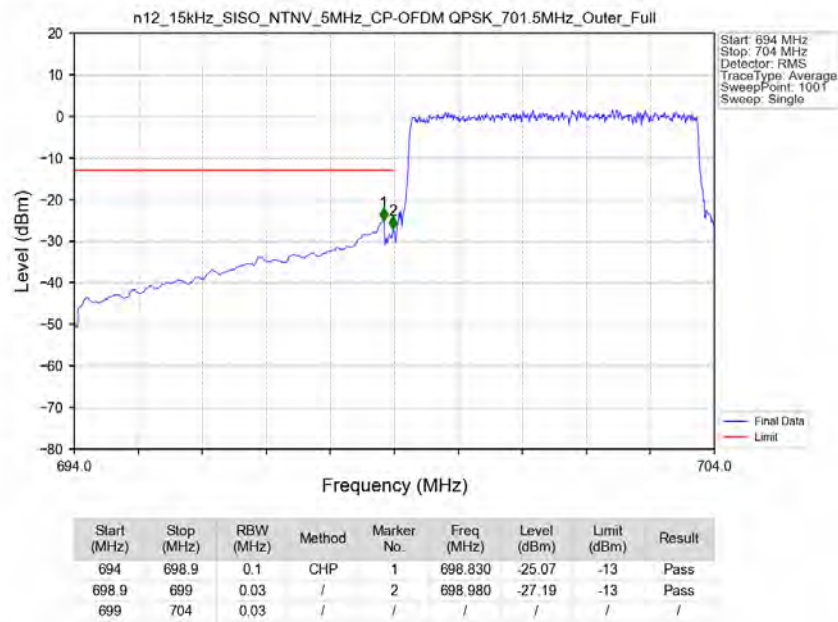


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.300	-64.18	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	731.300	-53.77	-13	Pass

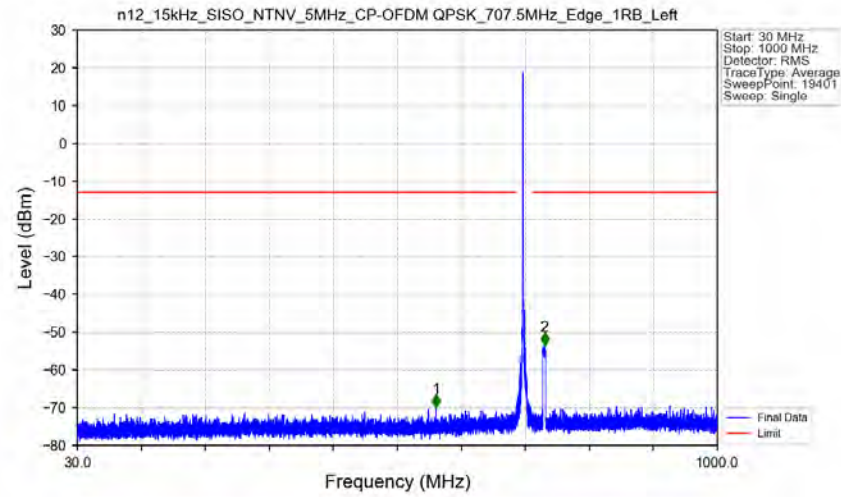
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Edge_1RB_Left_Ant0



n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_701.5MHz_Outer_Full_Ant0

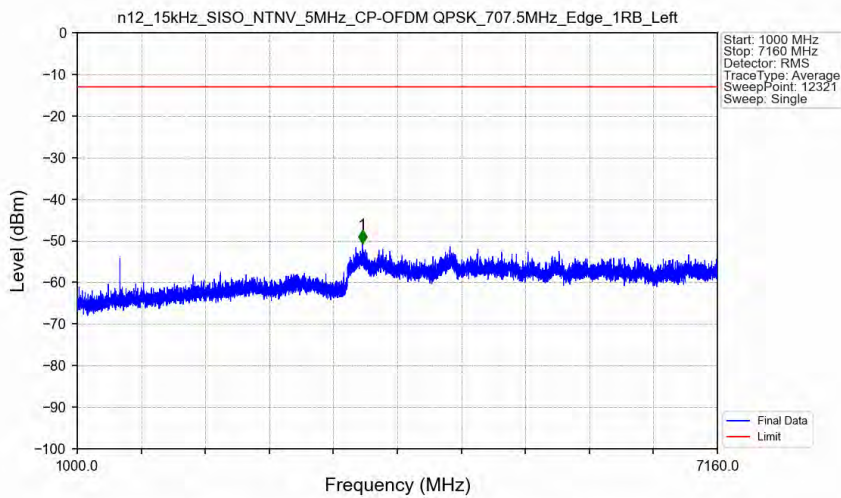


n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



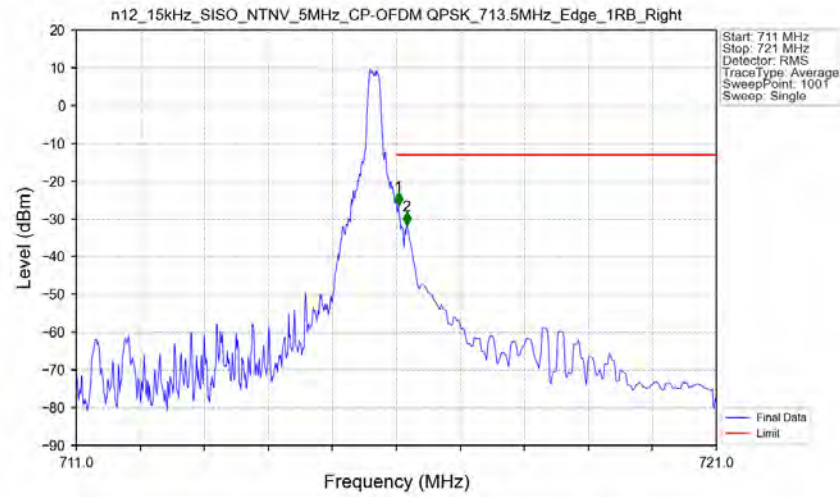
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	573.750	-69.89	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	738.200	-53.53	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



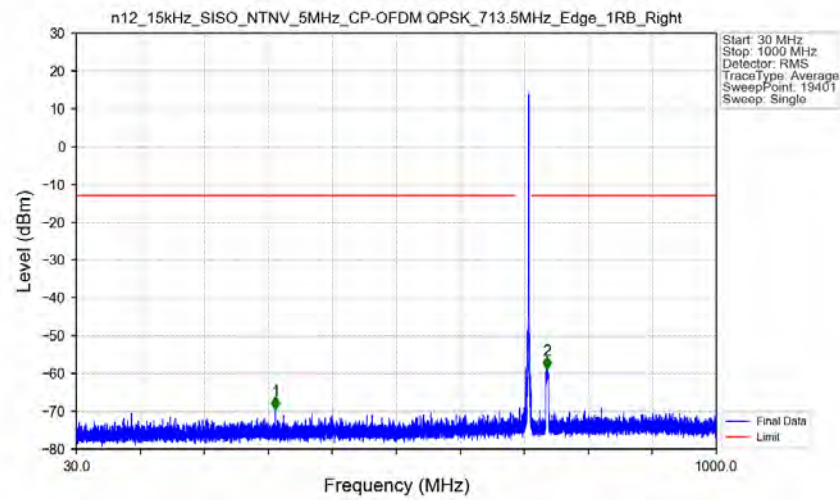
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3744.000	-50.57	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant0



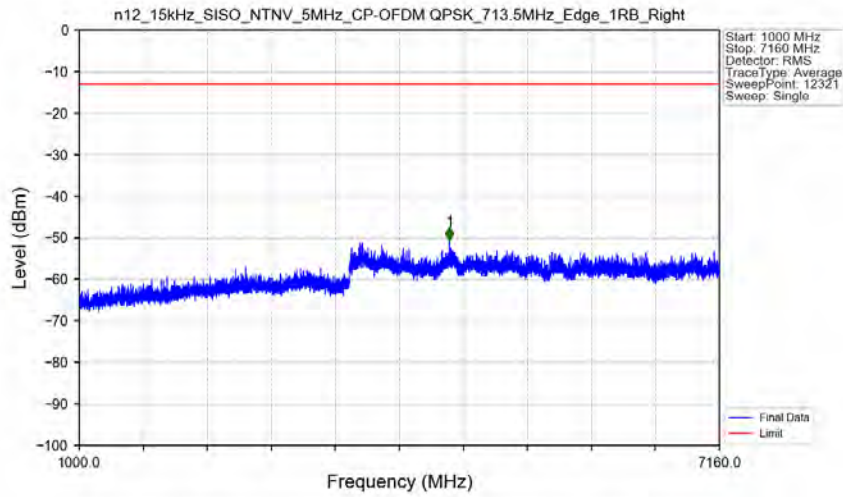
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-26.50	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.58	-13	Pass

n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant0

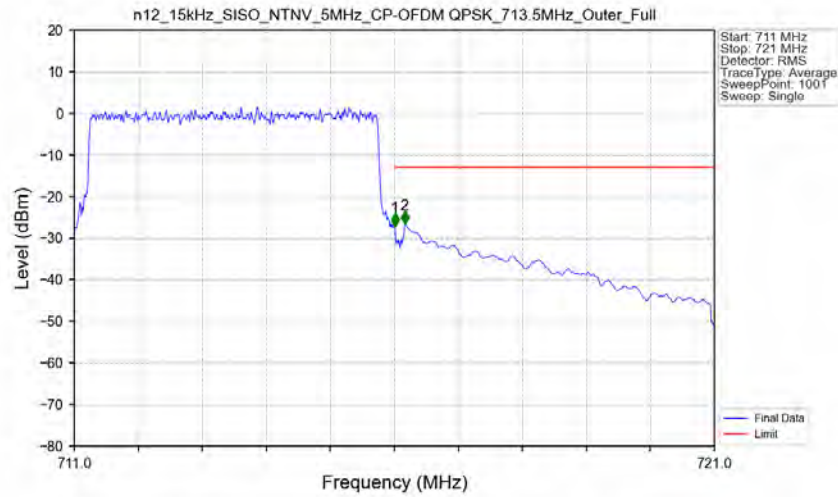


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	331.800	-69.52	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	743.050	-58.82	-13	Pass

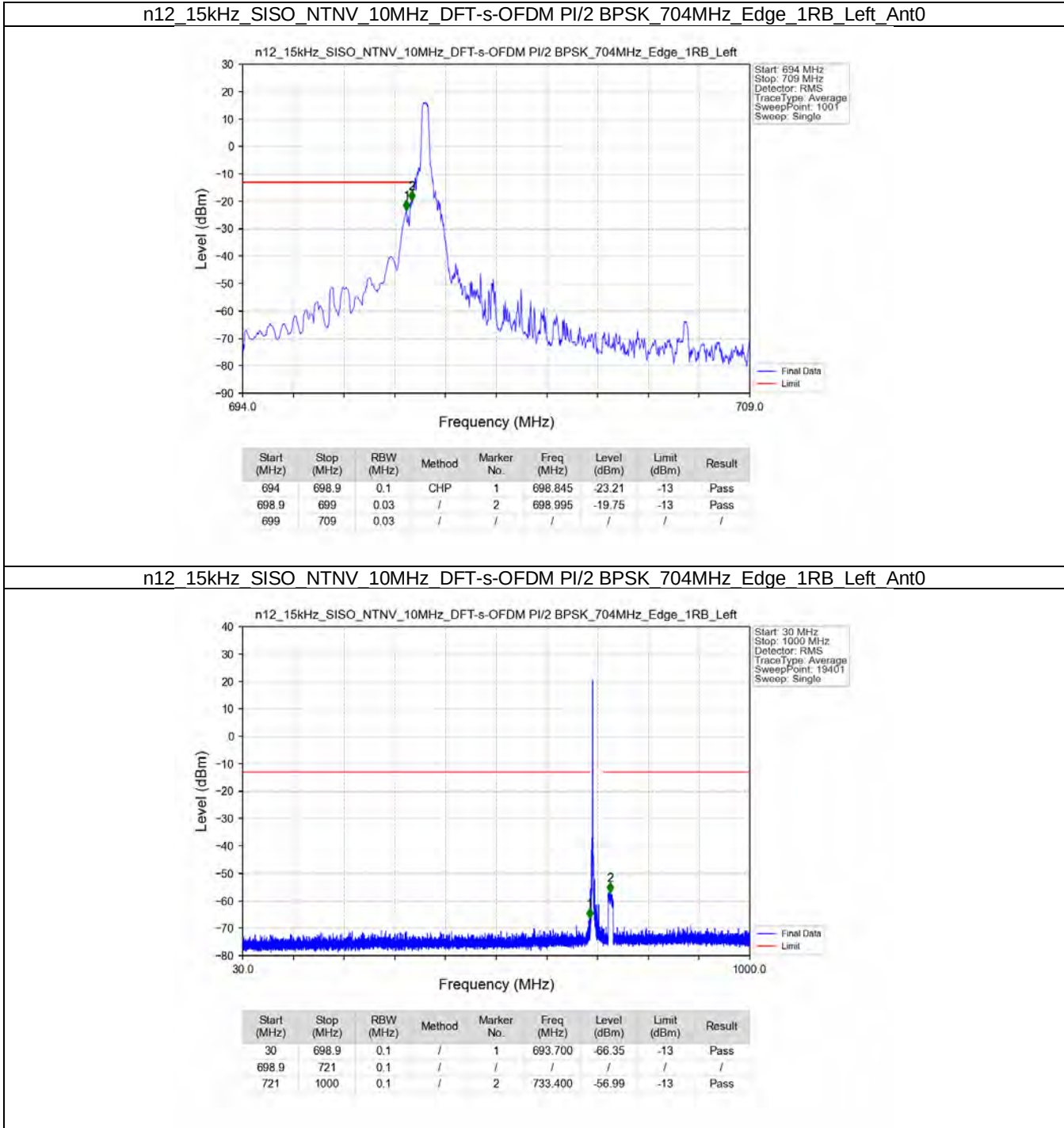
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Edge_1RB_Right_Ant0



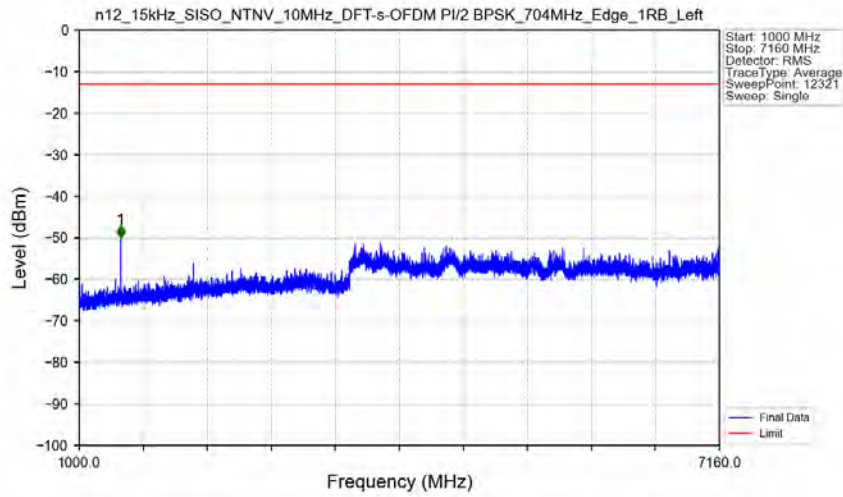
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_713.5MHz_Outer_Full_Ant0



5.2.2 15k_SISO_10MHz_NTNV

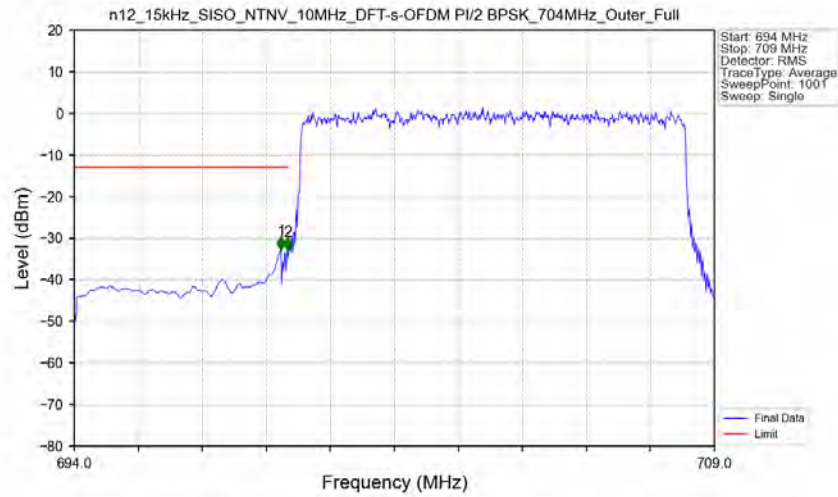


n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_704MHz_Edge_1RB_Left_Ant0



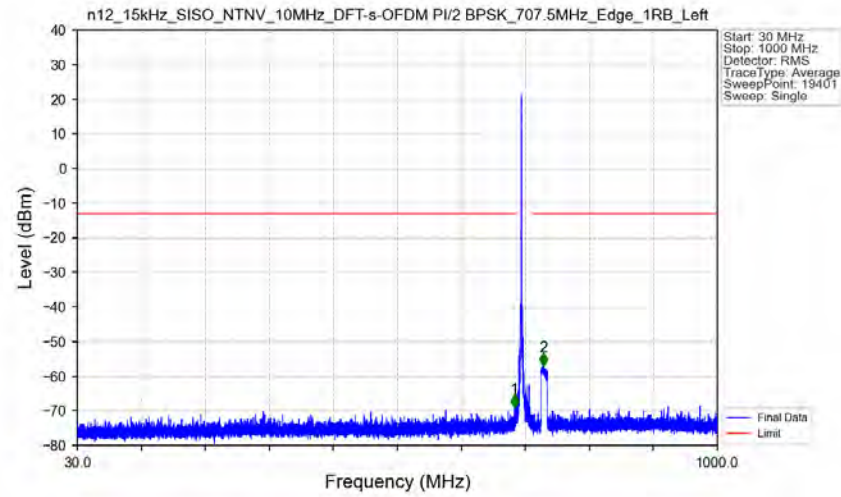
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-50.07	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_704MHz_Outer_Full_Ant0



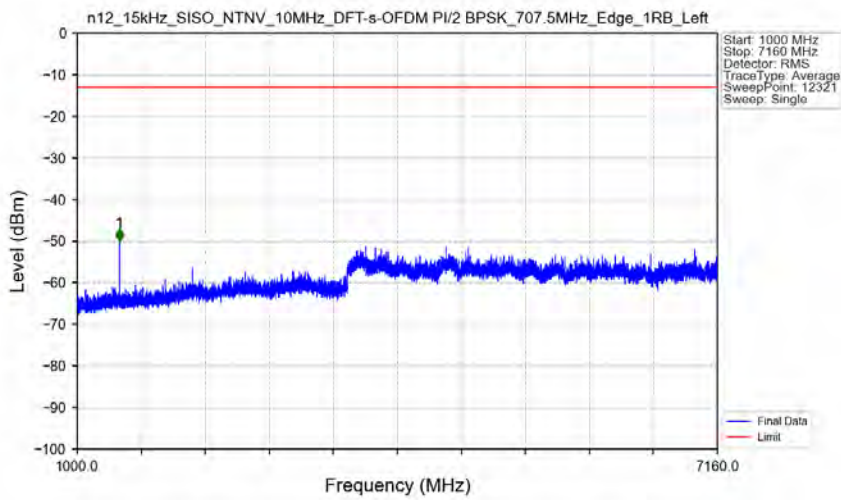
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.845	-32.81	-13	Pass
698.9	699	0.03	/	2	698.995	-33.03	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_Pi/2_BPSK_707.5MHz_Edge_1RB_Left_Ant0



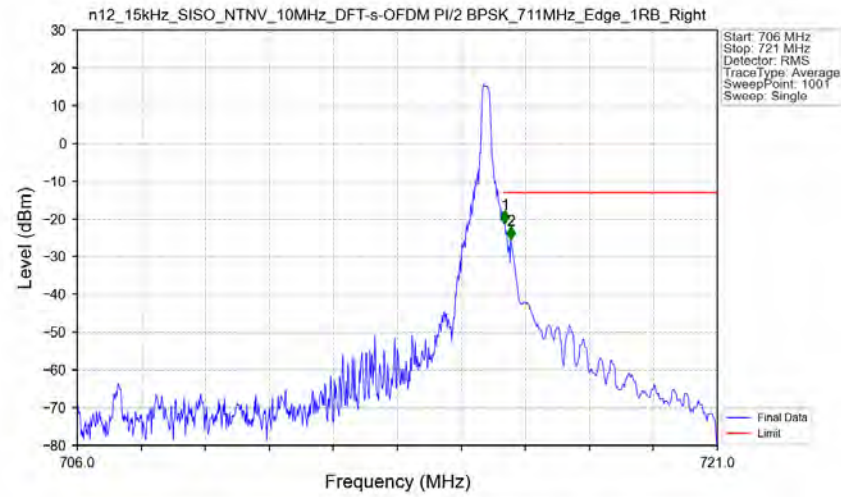
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.750	-69.09	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	736.550	-57.06	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_Pi/2_BPSK_707.5MHz_Edge_1RB_Left_Ant0



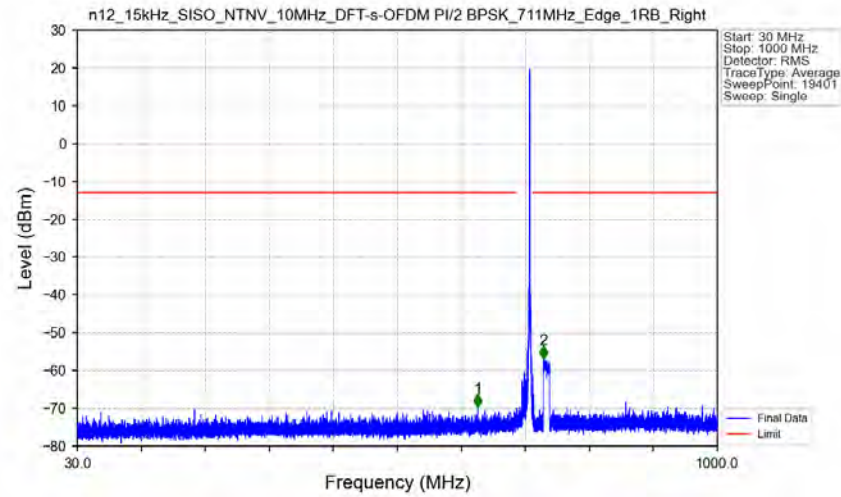
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1406.000	-50.00	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_711MHz_Edge_1RB_Right_Ant0



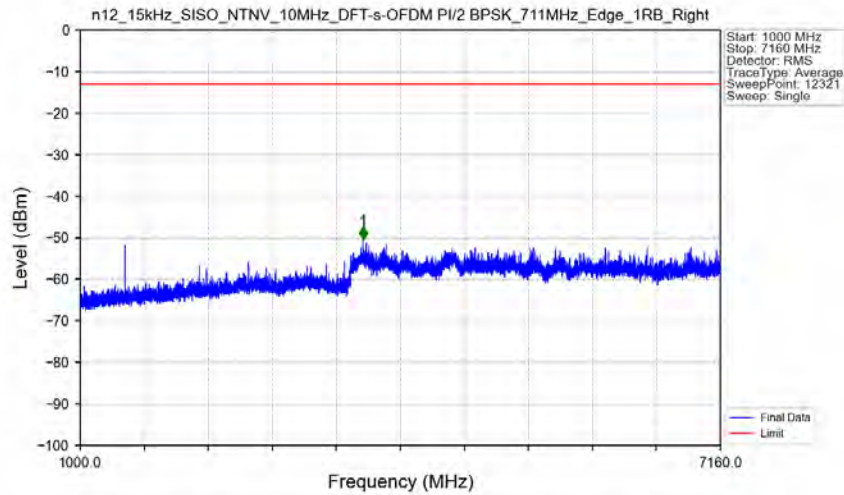
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-21.21	-13	Pass
716.1	721	0.1	CHP	2	716.155	-25.46	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_711MHz_Edge_1RB_Right_Ant0



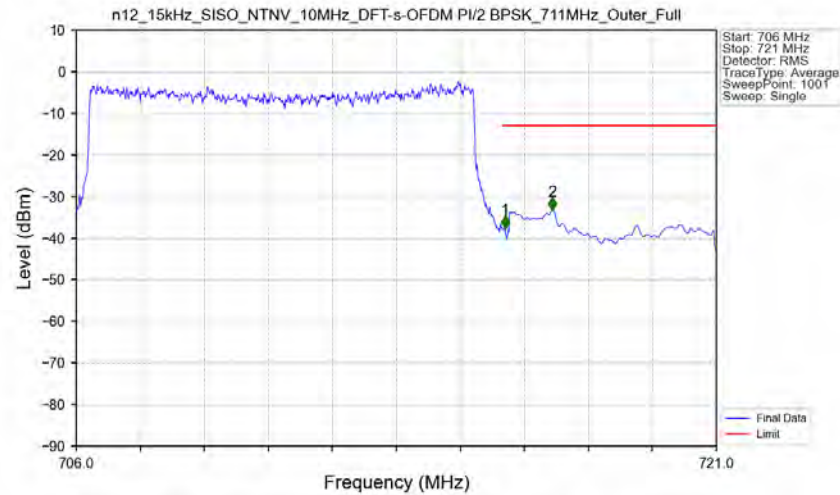
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	637.050	-69.67	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	736.850	-56.85	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_711MHz_Edge_1RB_Right_Ant0



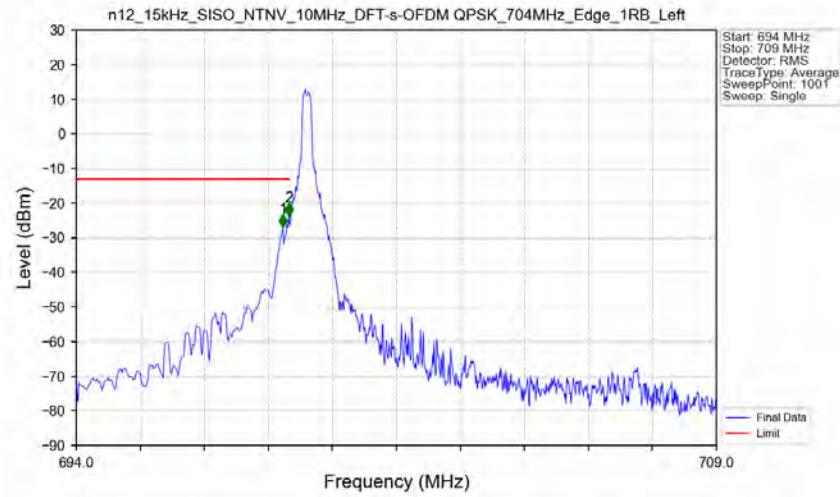
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3720.000	-50.37	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_711MHz_Outer_Full_Ant0



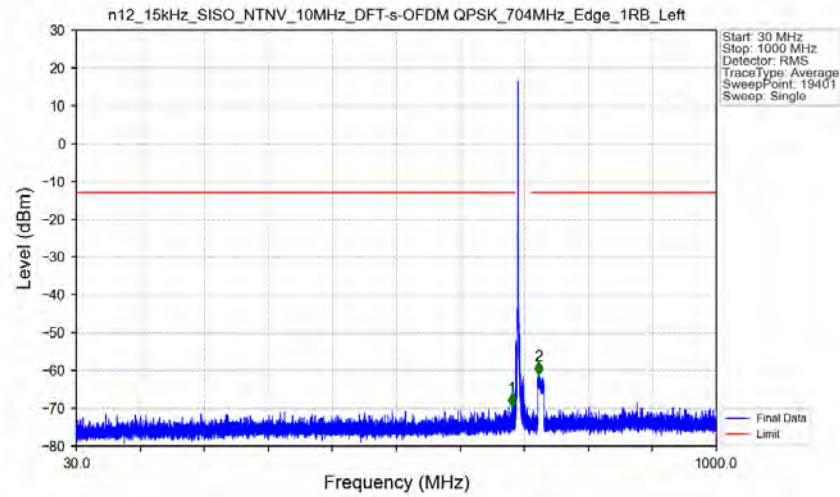
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.050	-37.69	-13	Pass
716.1	721	0.1	CHP	2	717.160	-33.38	-13	Pass

n12 15kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant0



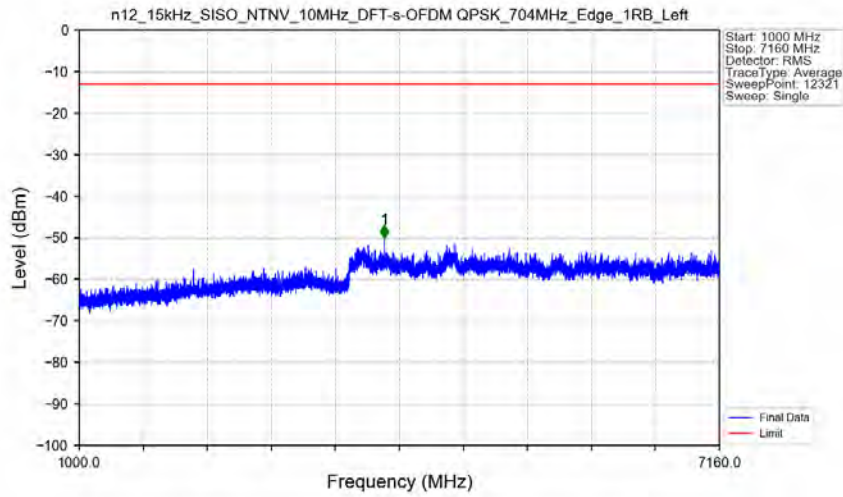
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.845	-27.03	-13	Pass
698.9	699	0.03	/	2	698.980	-23.74	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12 15kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant0



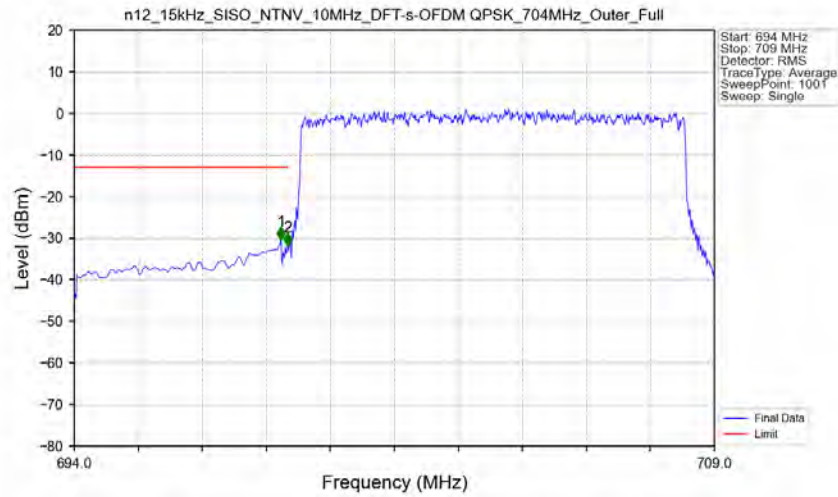
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	689.950	-69.47	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	730.600	-61.18	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_704MHz_Edge_1RB_Left_Ant0



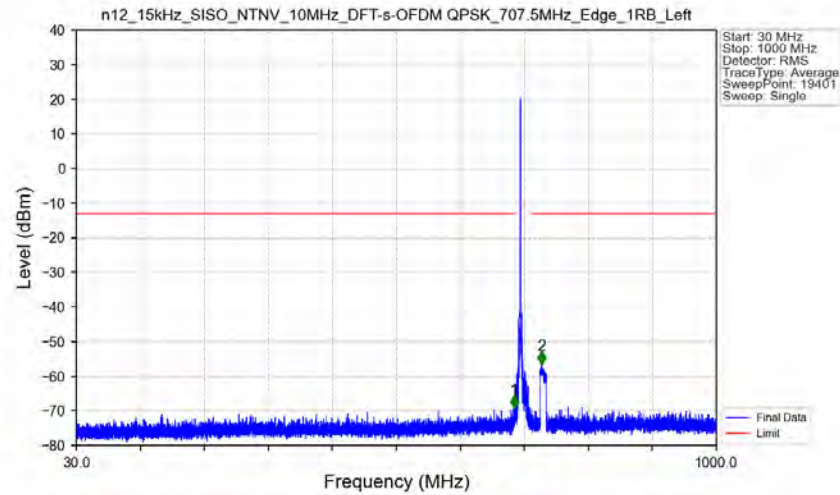
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3937.500	-49.97	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_704MHz_Outer_Full_Ant0

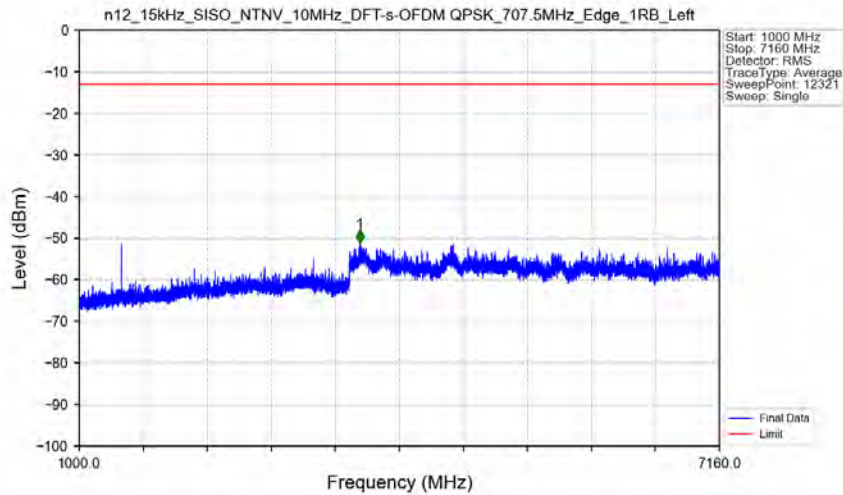


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.845	-30.45	-13	Pass
698.9	699	0.03	/	2	698.995	-31.87	-13	Pass
699	709	0.03	/	/	/	/	/	/

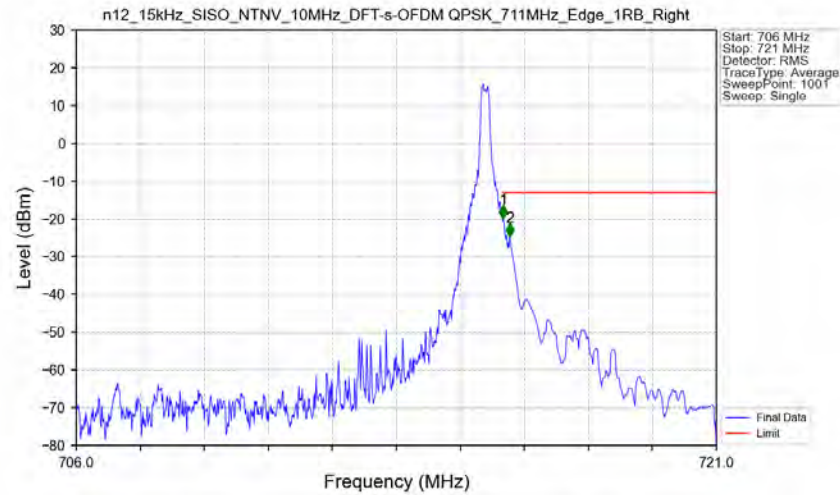
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0

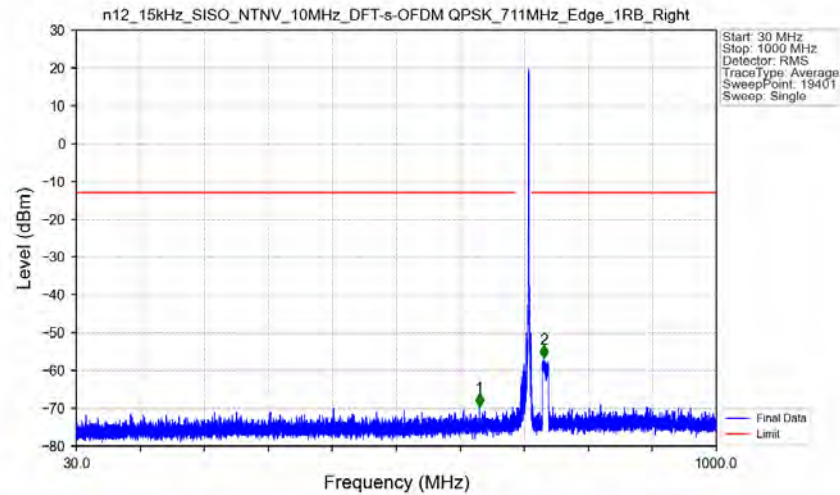


n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant0



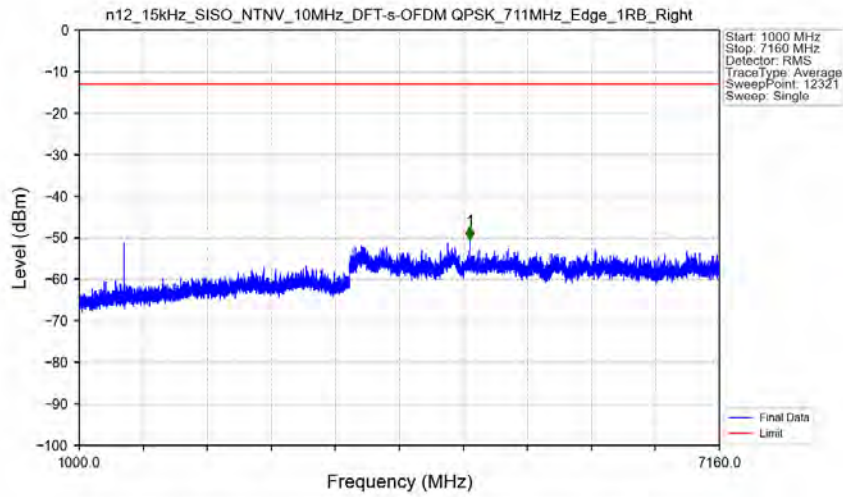
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-19.88	-13	Pass
716.1	721	0.1	CHP	2	716.155	-24.67	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant0



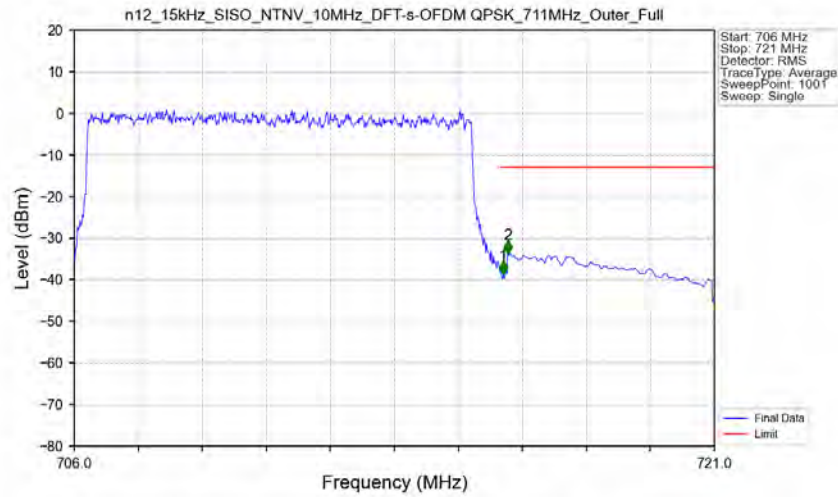
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	640.750	-69.56	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	739.050	-56.77	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant0



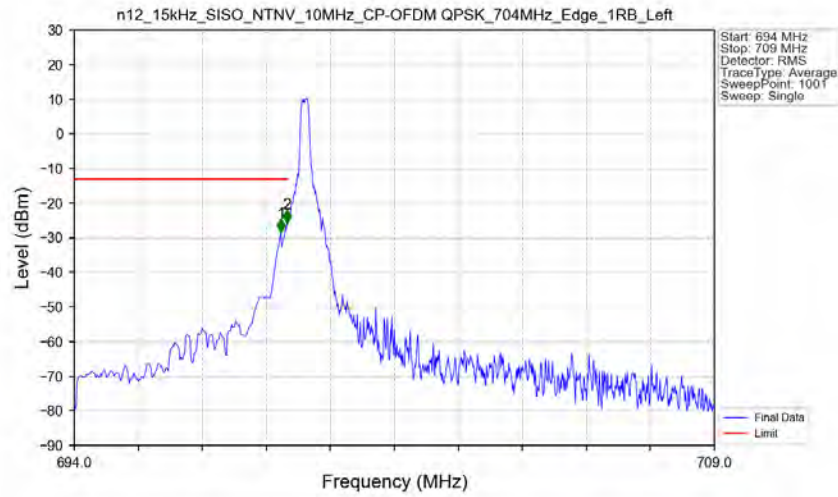
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	4760.500	-50.41	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_711MHz_Outer_Full_Ant0



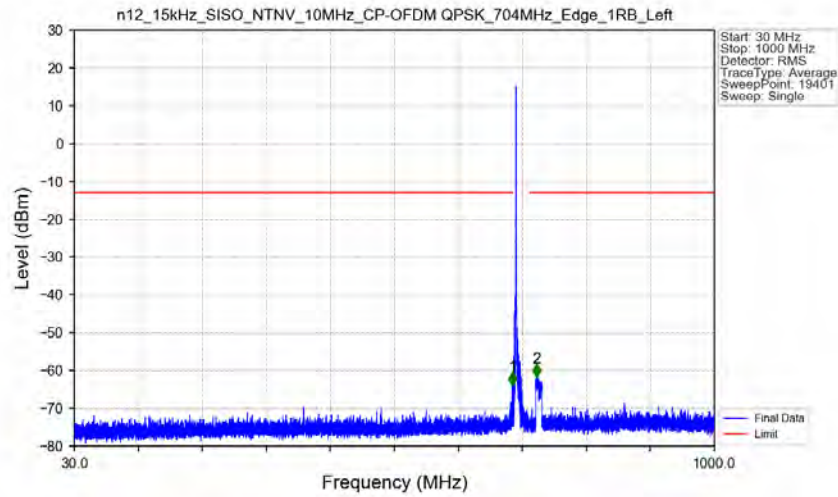
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.050	-38.59	-13	Pass
716.1	721	0.1	CHP	2	716.155	-33.62	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_704MHz_Edge_1RB_Left_Ant0



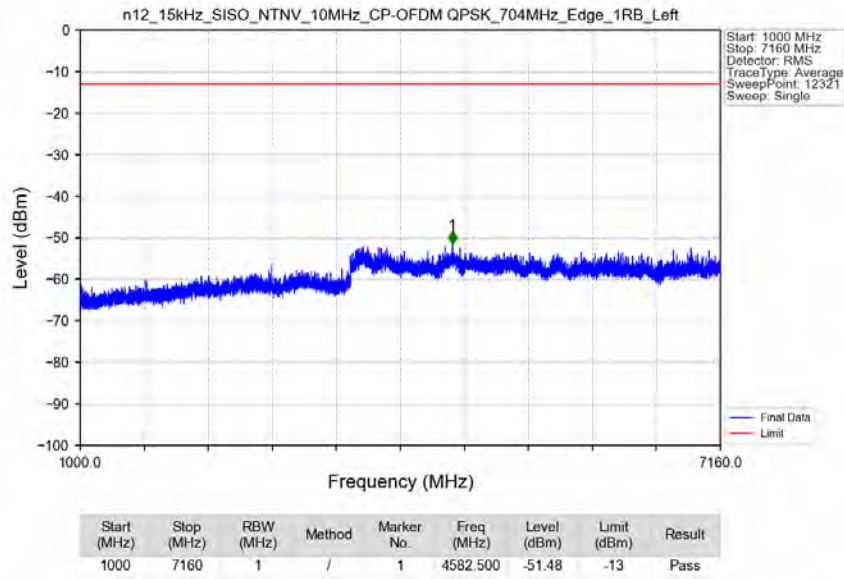
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.845	-28.24	-13	Pass
698.9	699	0.03	/	2	698.980	-25.71	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_704MHz_Edge_1RB_Left_Ant0

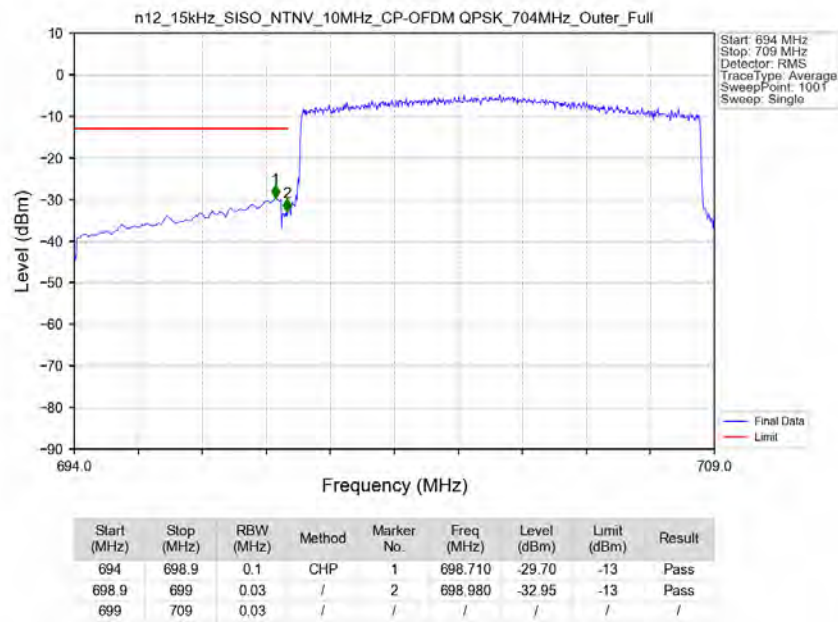


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.950	-63.97	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	730.500	-61.66	-13	Pass

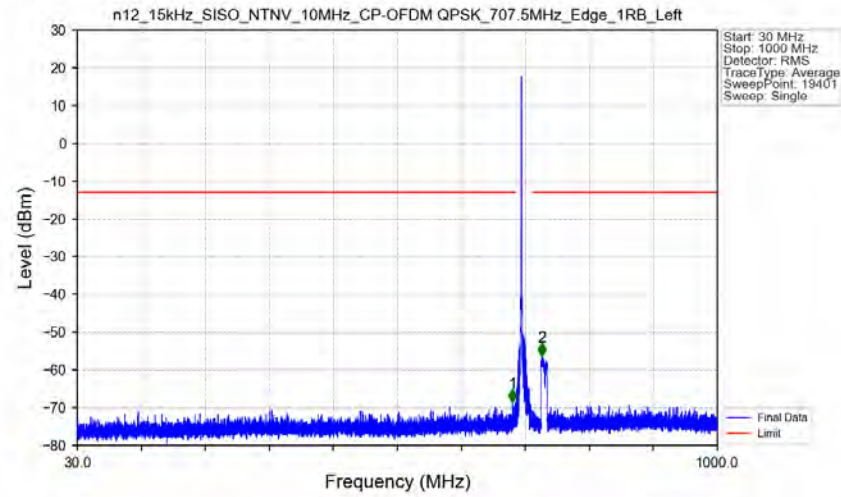
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_704MHz_Edge_1RB_Left_Ant0



n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_704MHz_Outer_Full_Ant0

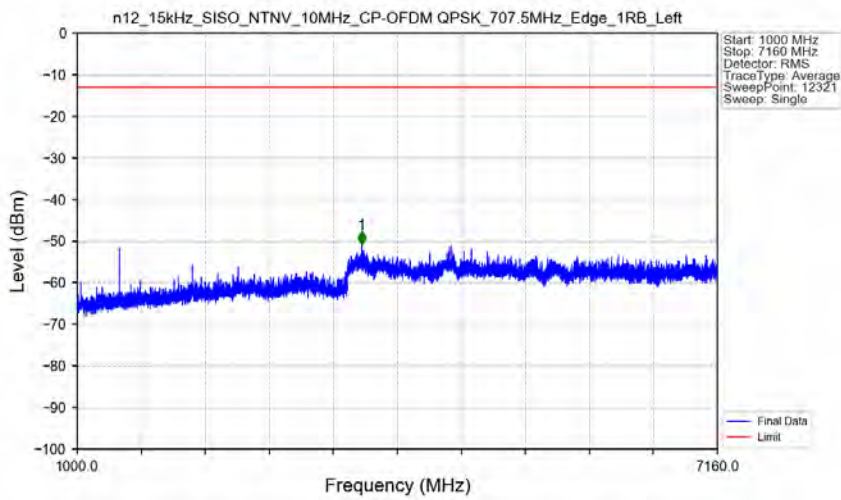


n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



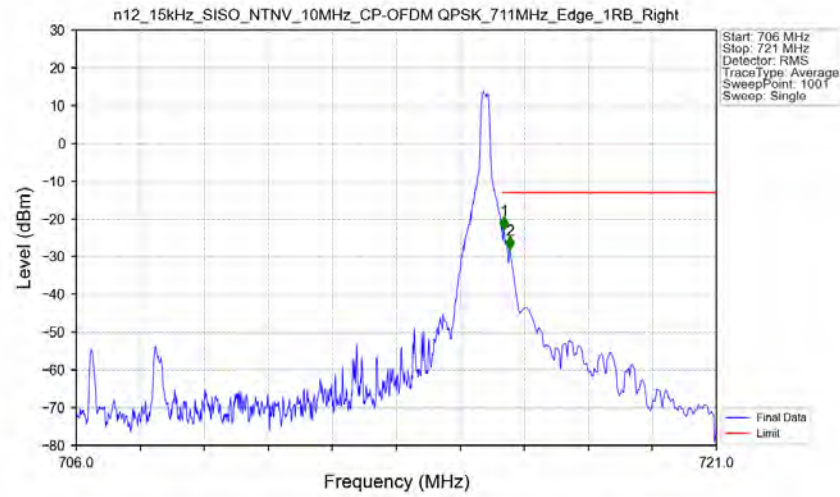
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	689.650	-68.58	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	734.400	-56.32	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



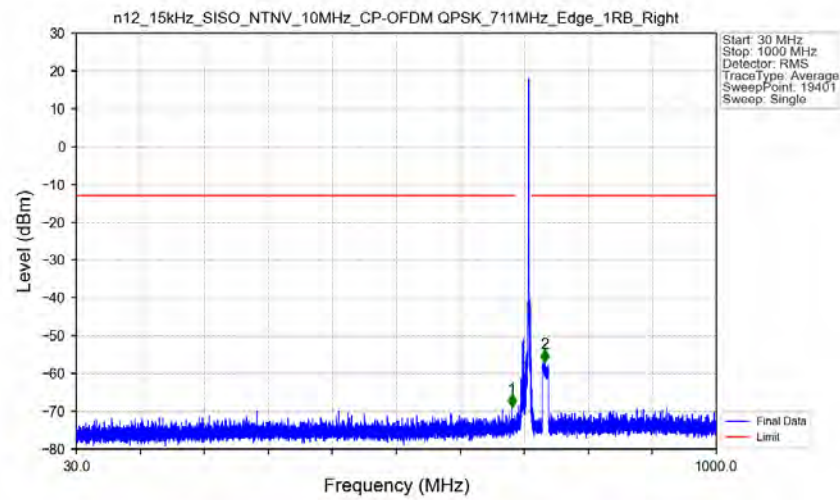
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3737.000	-50.67	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant0



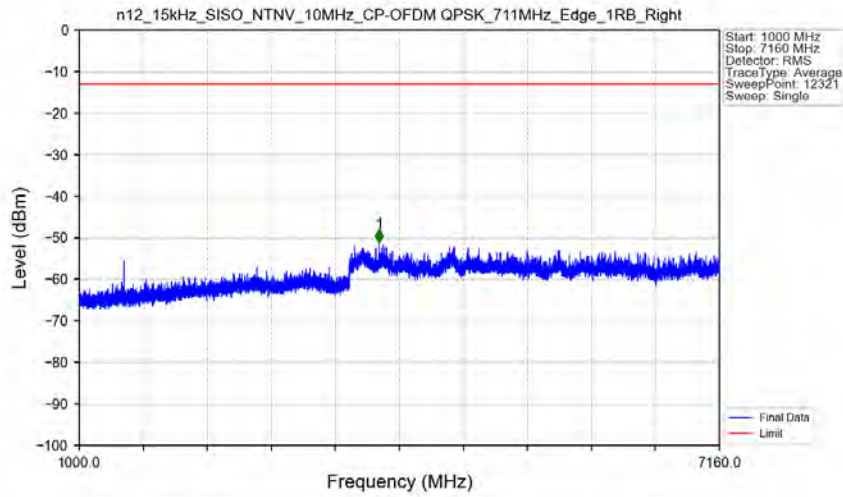
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-22.78	-13	Pass
716.1	721	0.1	CHP	2	716.155	-28.00	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant0



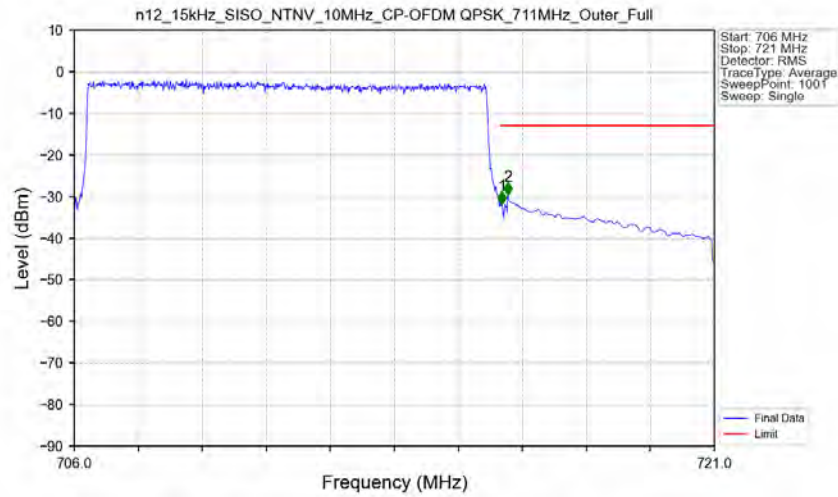
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	689.950	-68.91	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	740.000	-57.02	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_711MHz_Edge_1RB_Right_Ant0



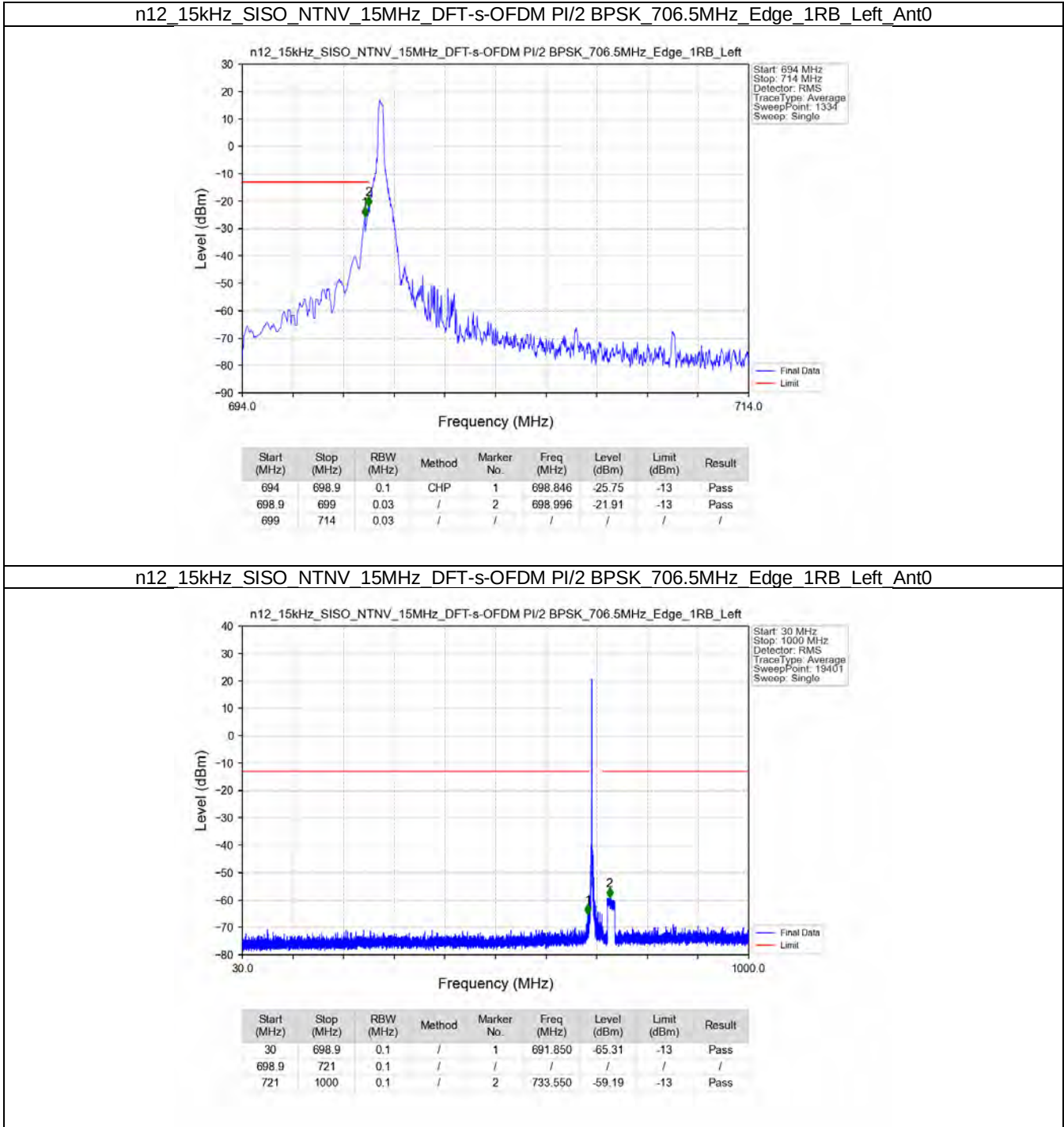
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	3886.000	-51.21	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_711MHz_Outer_Full_Ant0

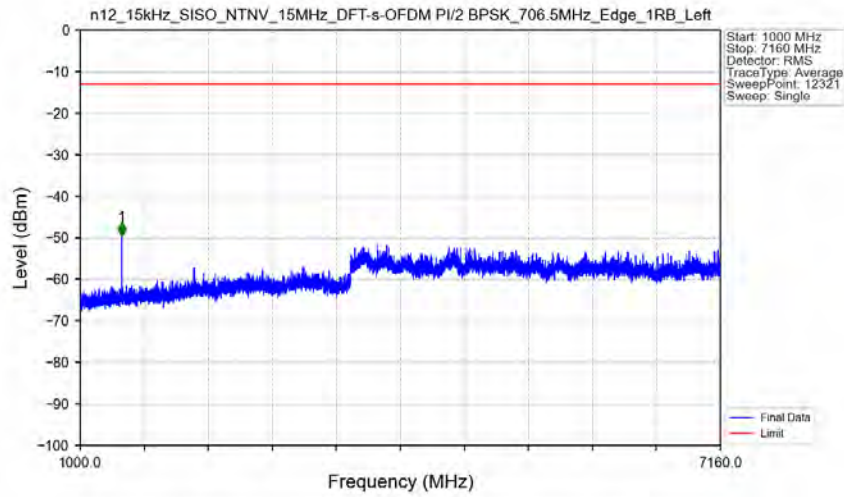


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-31.83	-13	Pass
716.1	721	0.1	CHP	2	716.155	-29.67	-13	Pass

5.2.3 15k_SISO_15MHz_NTNV

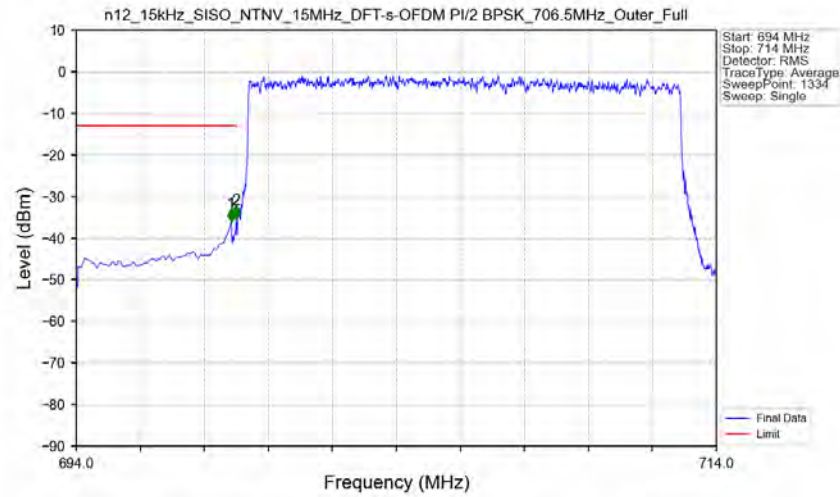


n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_706.5MHz_Edge_1RB_Left_Ant0



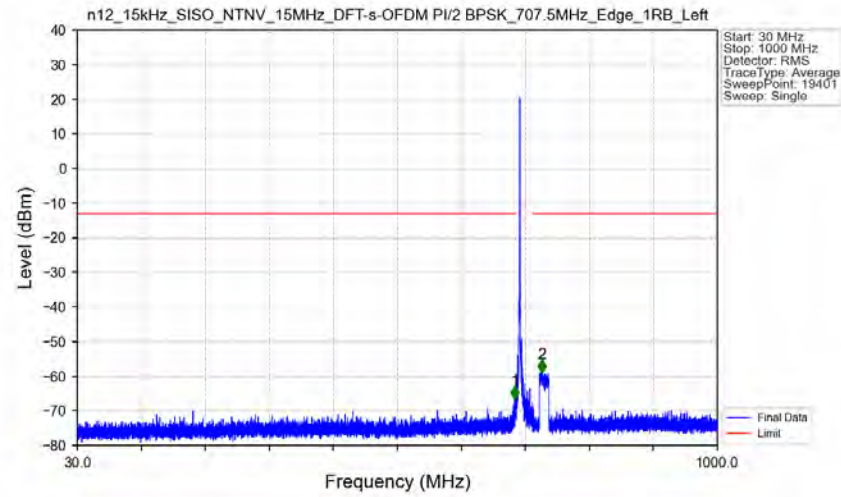
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1399.000	-49.41	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_706.5MHz_Outer_Full_Ant0



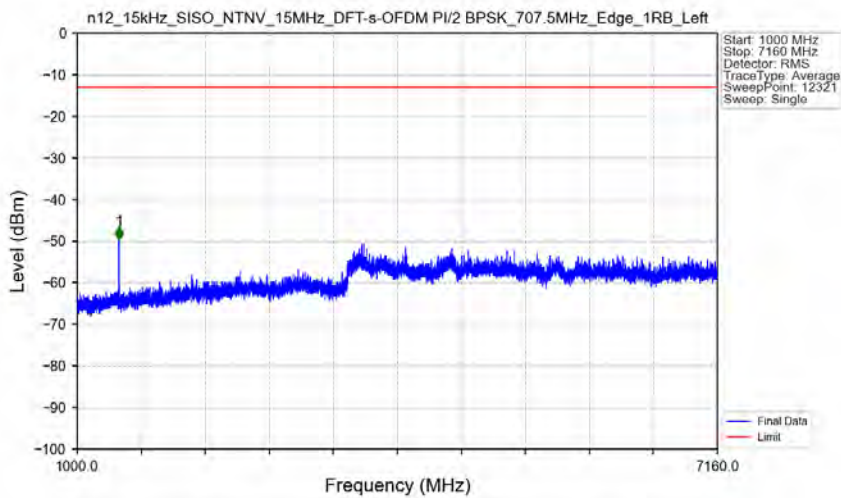
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.846	-36.06	-13	Pass
698.9	699	0.03	/	2	698.996	-35.35	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant0



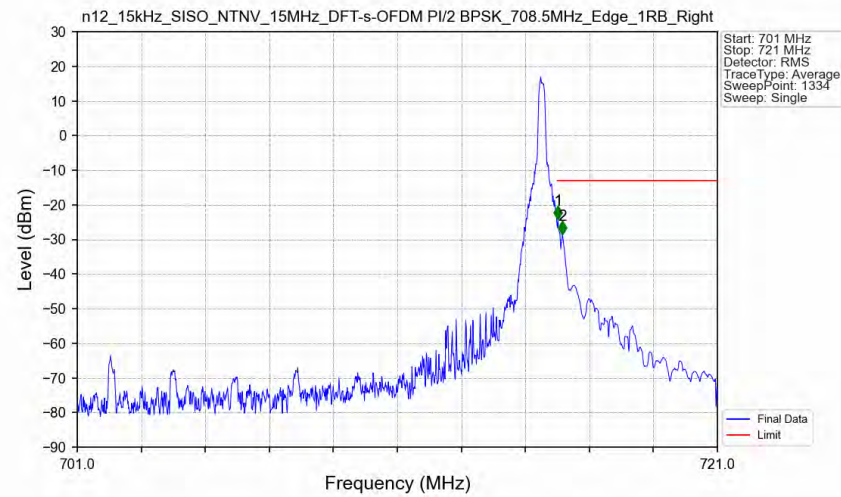
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.850	-66.52	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	734.100	-58.92	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_707.5MHz_Edge_1RB_Left_Ant0



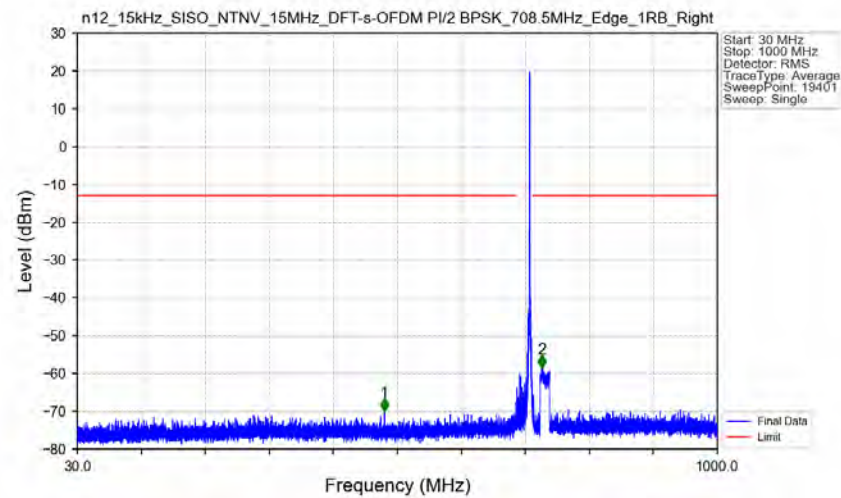
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1401.000	-49.63	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_708.5MHz_Edge_1RB_Right_Ant0



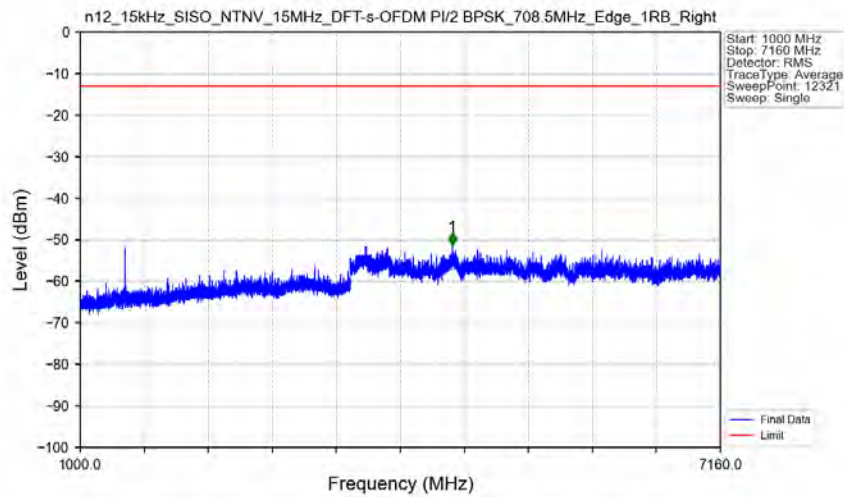
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.019	-24.22	-13	Pass
716.1	721	0.1	CHP	2	716.154	-28.49	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_708.5MHz_Edge_1RB_Right_Ant0



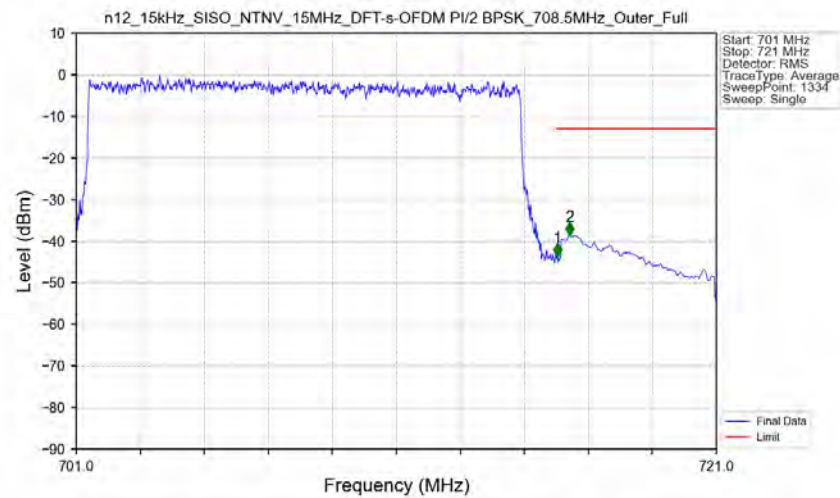
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	495.450	-70.01	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	734.000	-58.59	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_708.5MHz_Edge_1RB_Right_Ant0



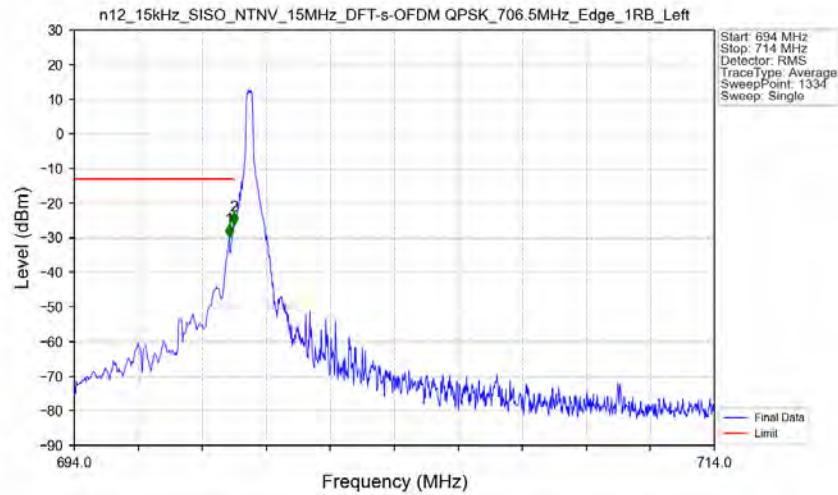
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	4581.000	-51.29	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_708.5MHz_Outer_Full_Ant0



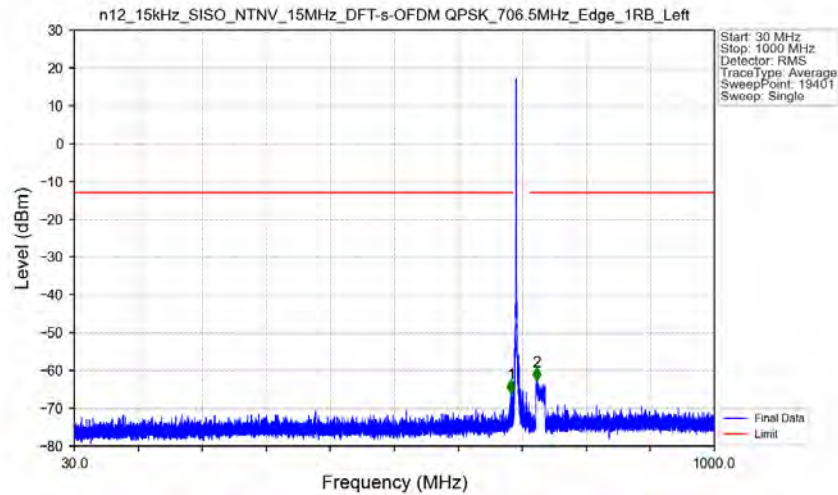
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.034	-43.68	-13	Pass
716.1	721	0.1	CHP	2	716.424	-38.59	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant0



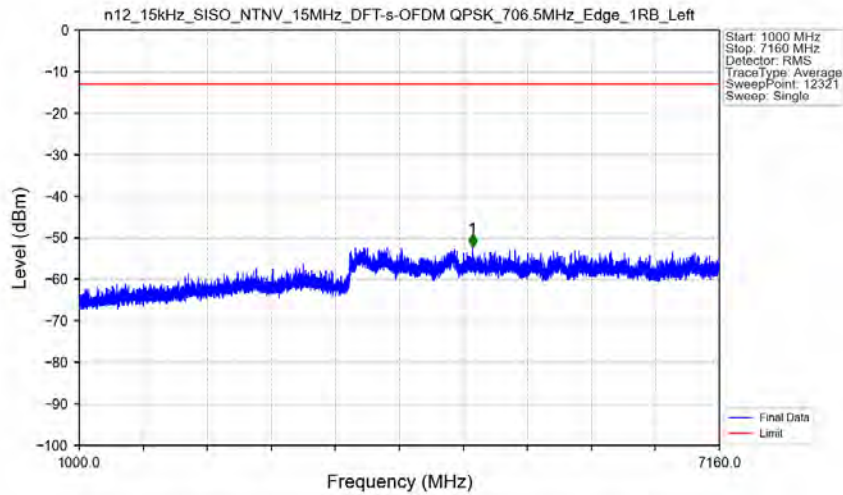
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.846	-29.91	-13	Pass
698.9	699	0.03	/	2	698.996	-26.28	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant0



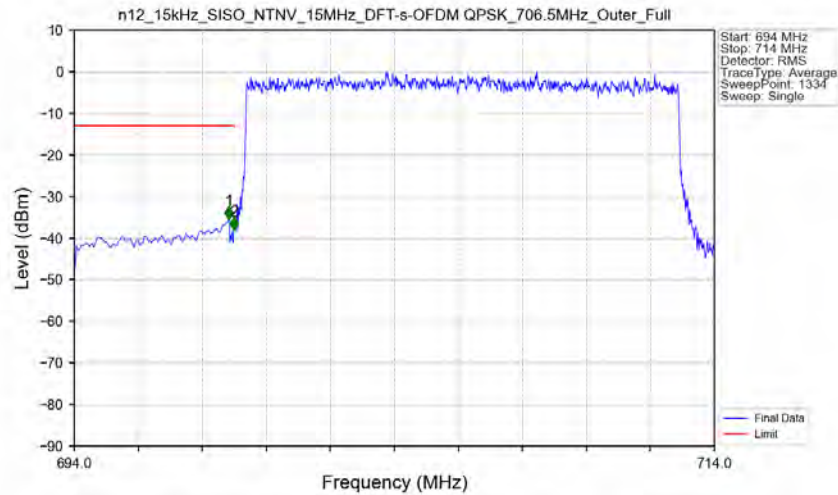
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	691.800	-65.86	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	730.500	-62.68	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant0



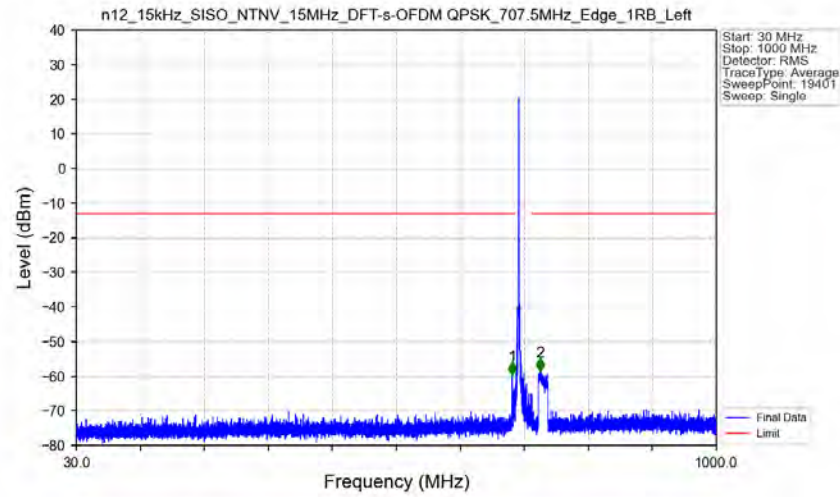
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	4785.000	-52.21	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_706.5MHz_Outer_Full_Ant0

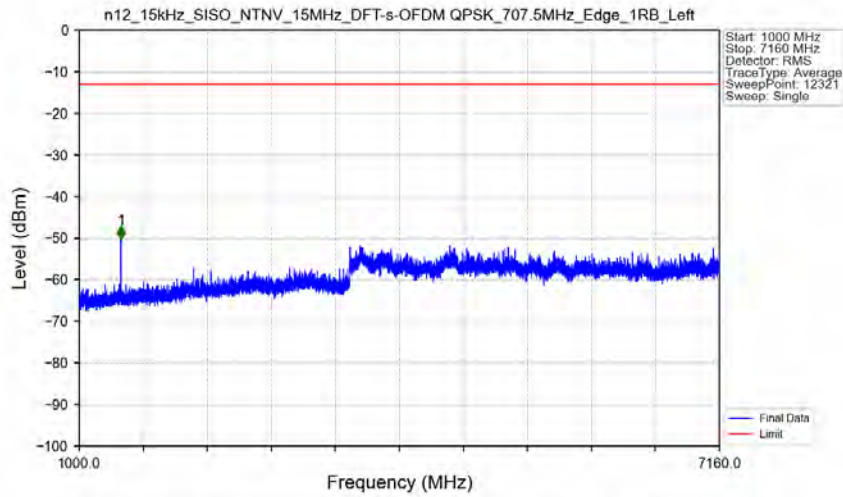


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.831	-35.54	-13	Pass
698.9	699	0.03	/	2	698.996	-38.04	-13	Pass
699	714	0.03	/	/	/	/	/	/

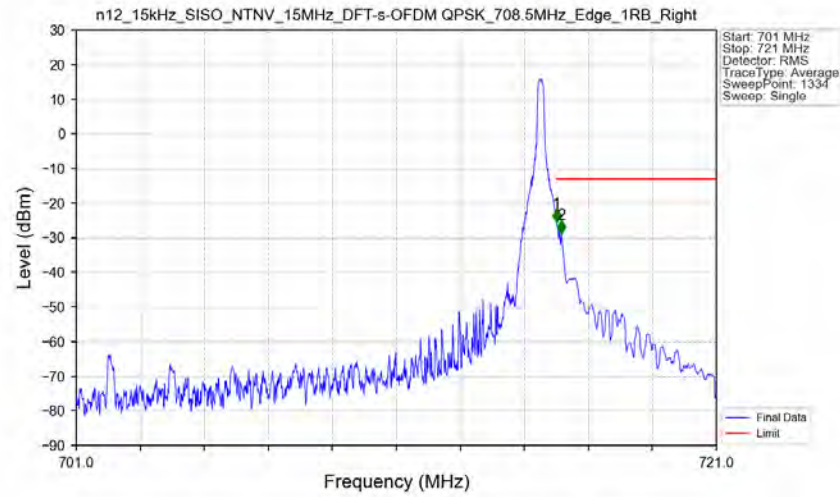
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0

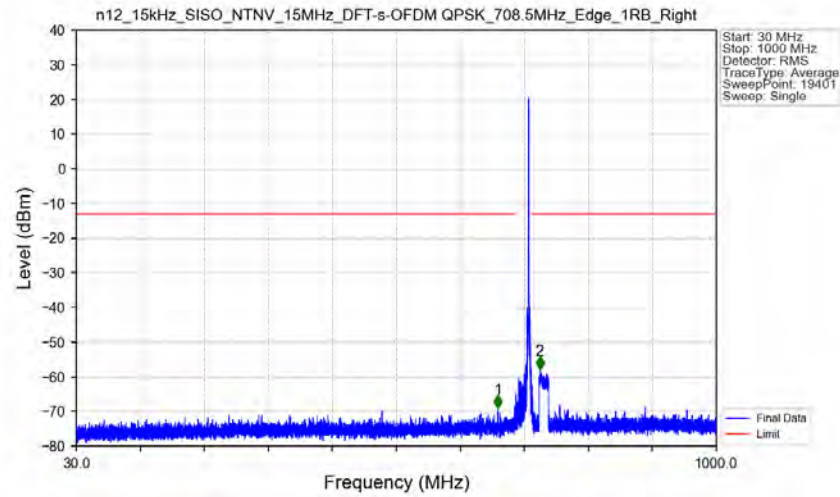


n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant0



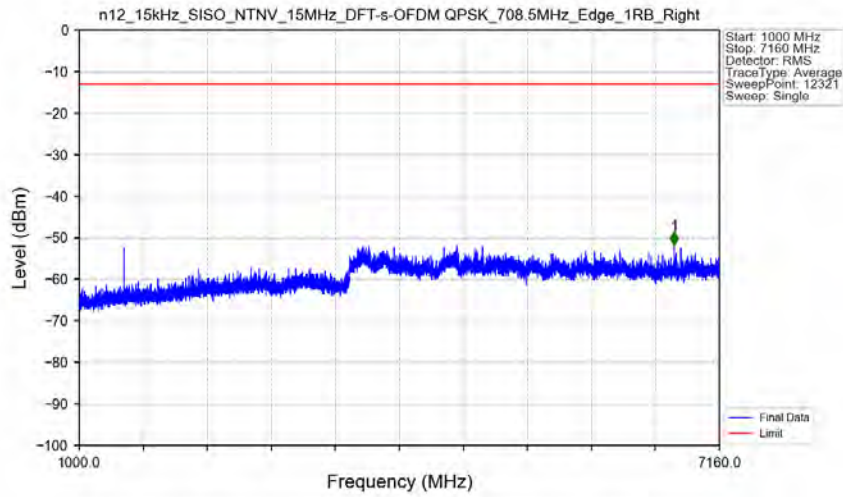
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.004	-25.48	-13	Pass
716.1	721	0.1	CHP	2	716.154	-28.71	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant0



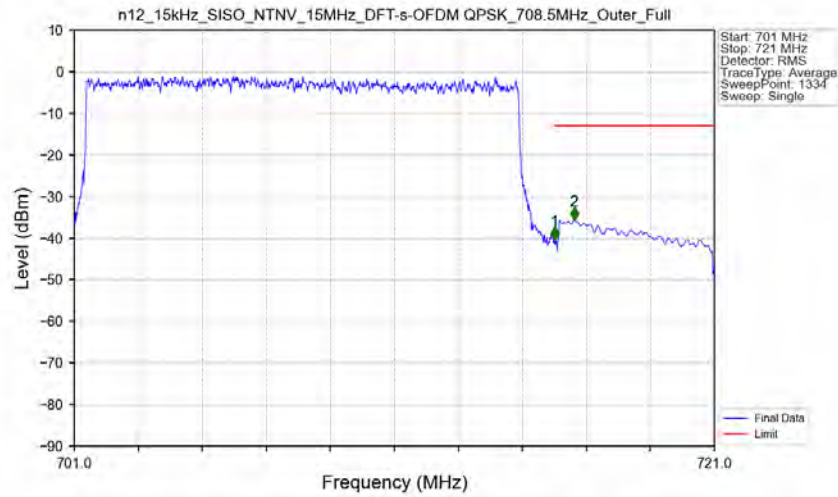
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	669.000	-68.90	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	732.400	-57.90	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant0



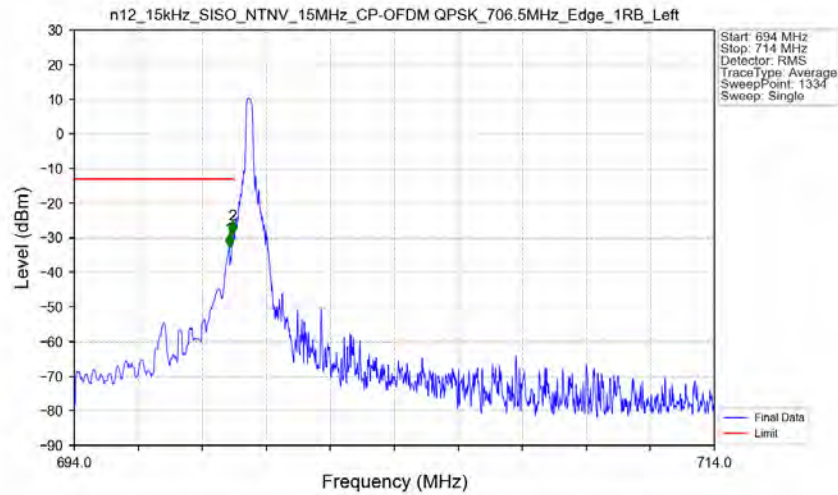
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	6725.500	-51.67	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_708.5MHz_Outer_Full_Ant0



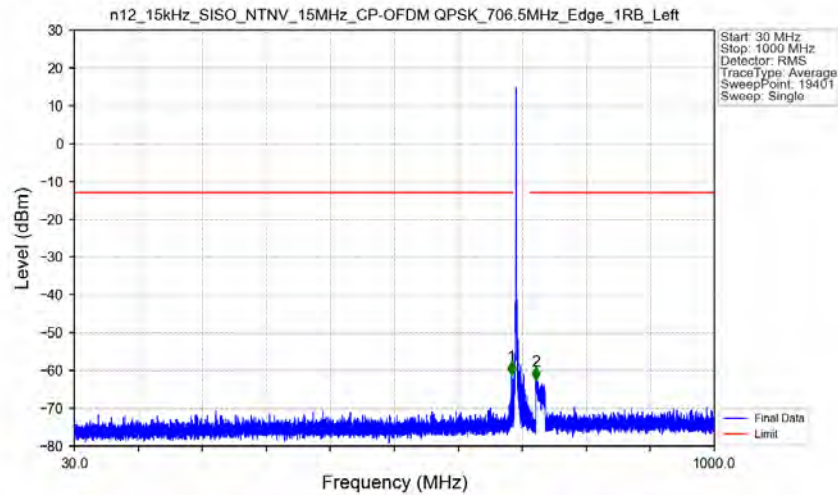
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.004	-40.49	-13	Pass
716.1	721	0.1	CHP	2	716.619	-35.66	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant0



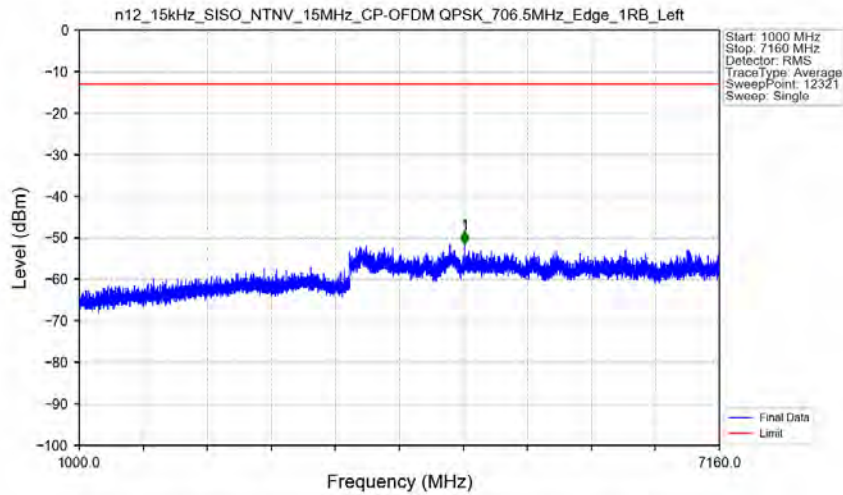
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.846	-32.77	-13	Pass
698.9	699	0.03	/	2	698.936	-28.89	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant0



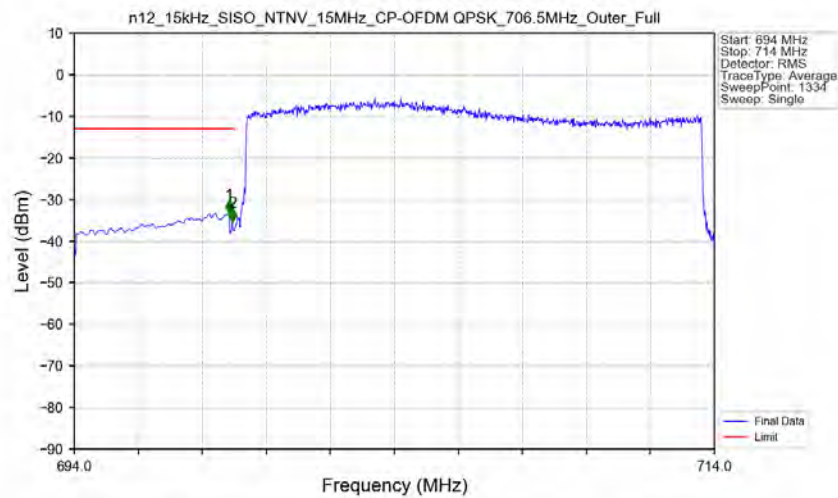
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.500	-61.15	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	729.600	-62.59	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_706.5MHz_Edge_1RB_Left_Ant0



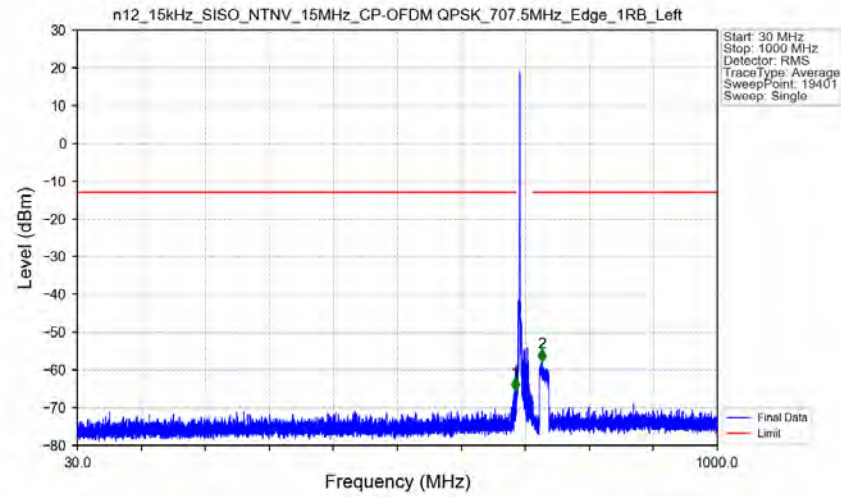
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	4709.500	-51.46	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_706.5MHz_Outer_Full_Ant0



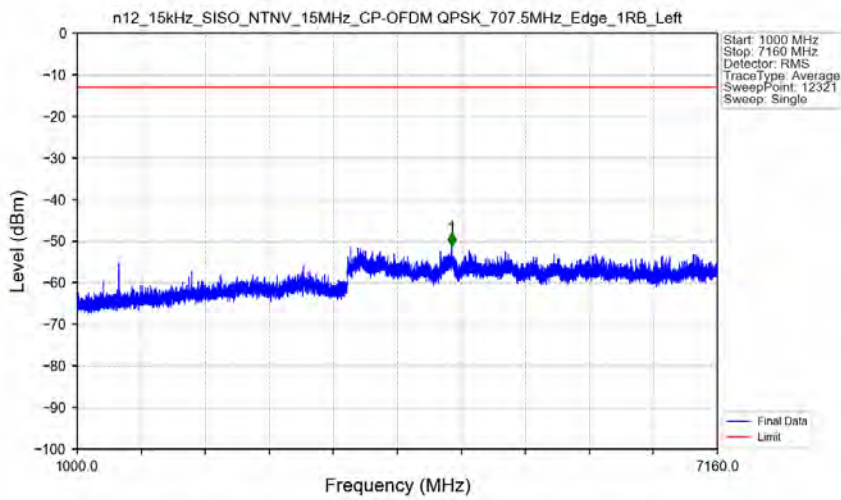
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.846	-33.32	-13	Pass
698.9	699	0.03	/	2	698.936	-35.24	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



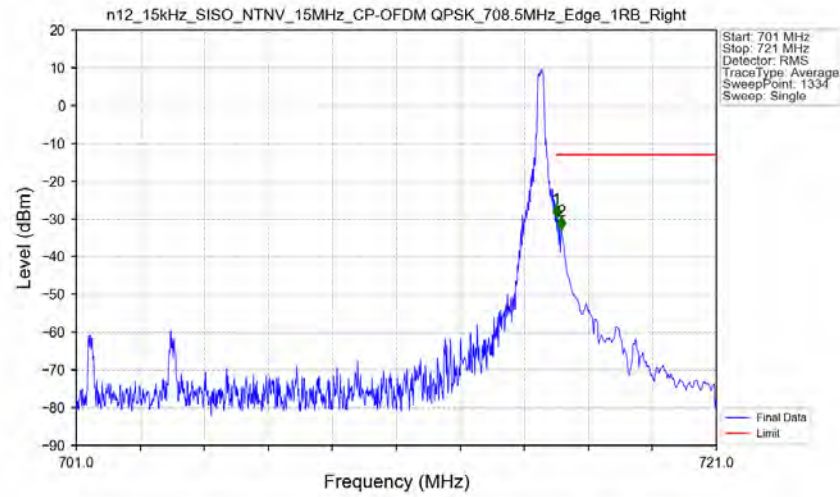
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.350	-65.51	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	734.550	-57.88	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_707.5MHz_Edge_1RB_Left_Ant0



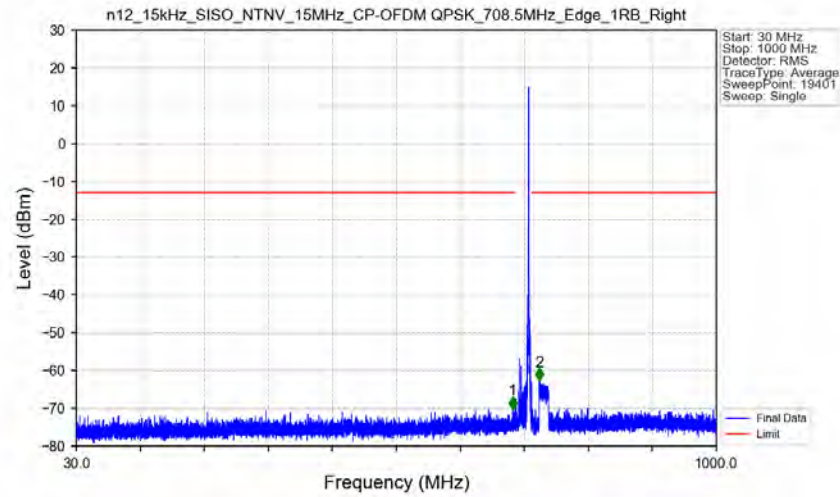
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	4603.500	-51.04	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant0



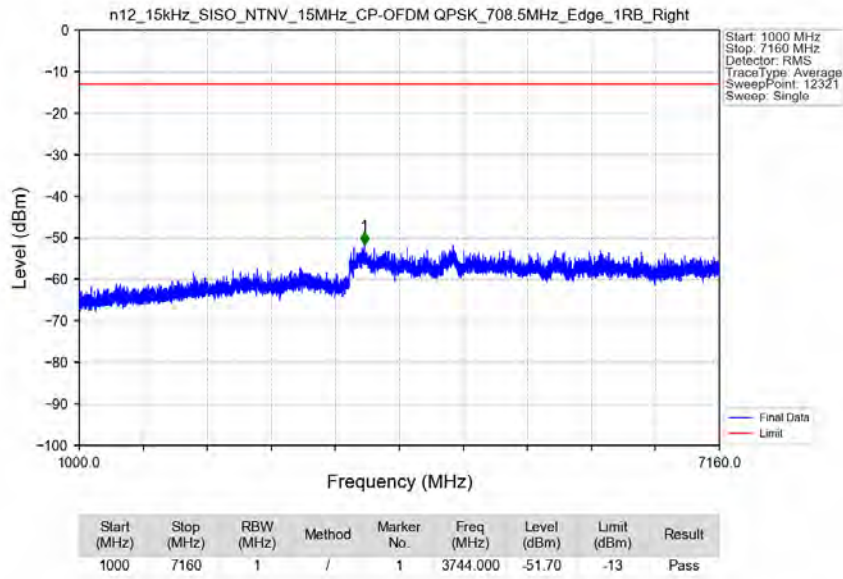
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.004	-29.57	-13	Pass
716.1	721	0.1	CHP	2	716.154	-32.92	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	691.400	-70.22	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	731.500	-62.78	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Edge_1RB_Right_Ant0



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_708.5MHz_Outer_Full_Ant0

